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Lancaster Farming

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Pseudorabies compromise reached in Pa.; Animal health advisory effort launched

Taking close look at laws and diseases

HARRISBURG — An ambitious list of agenda goals to improve animal health in Pennsylvania was outlined to an advisory group of veterinarians and representatives of livestock organizations by Dr. Max Van Buskirk Jr., of the Bureau of Animal Industry, on Wednesday.

Dr. Van Buskirk outlined three main areas of concern and need regarding animal health in which the advisory board will help in an effort to find solutions and improvement.

These areas of main concern:

–Animal diseases, with Avian influenza, pseudorabies and Johne's at the head of a lengthy list.

–Antiquated animal health laws which impede efforts at improvement.

–And, the bottom line – money.

Dr. Van Buskirk also injected a fourth animal health concern for Pennsylvania – animal rights.

"We've avoided animal rights," Dr. Van Buskirk said.

"But we can't avoid it much longer. At some point we'll have to address these concerns."

In the area of diseases, the PDA's Bureau of Animal Industry has responsibility in three principal areas – those diseases communicable to humans, those diseases with serious economic impact on agriculture and the exotic diseases, such as Newcastle.

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Dairy Exclusive

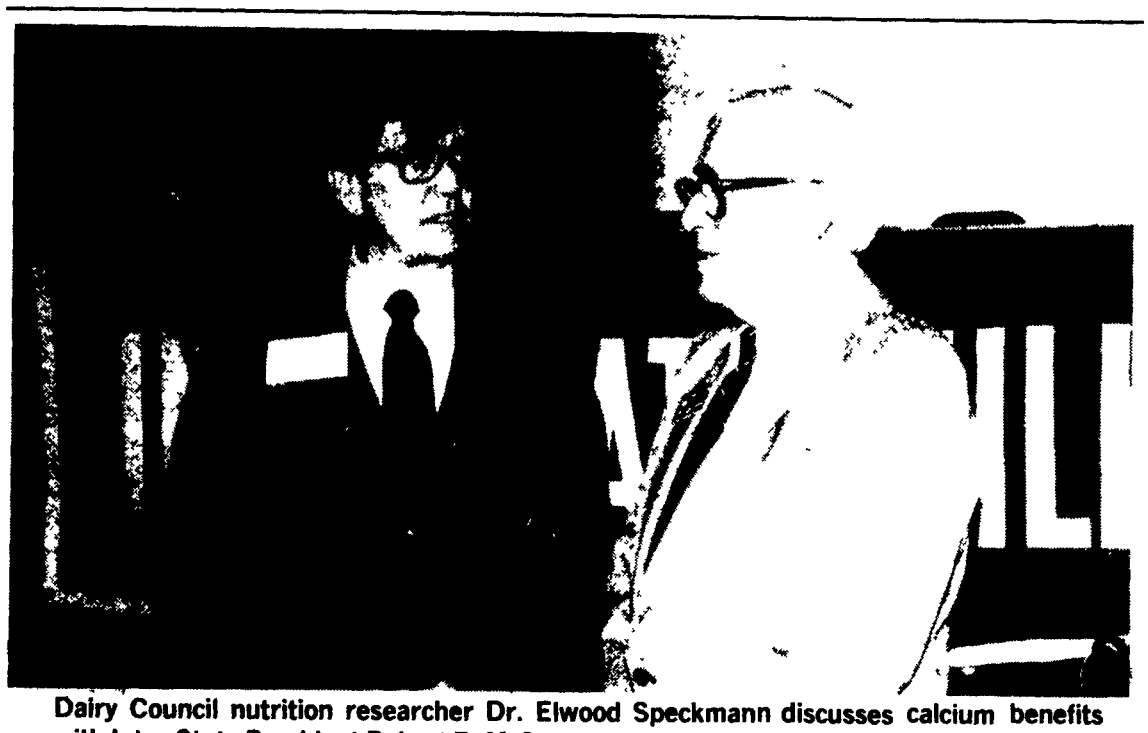
In this week's issue, dairy farmers will find three items of special interest.

In the A Section, Dairy Editor Wendy Wehr takes you along on a manure management tour that investigates the various options that are available to dairy farmers to handle this important phase of their operations.

Also in the A Section, Robin Phillips takes an in-depth look at dairy rations from a unique three-part viewpoint – that of a feedman, nutrition consultant and dairyman.

And in the B Section, you'll find comprehensive photo and story coverage of dairy competition at NAILE in Louisville, Ky., from Donna McConaughey.

And, they're exclusively in Lancaster Farming.



Dairy Council nutrition researcher Dr. Elwood Speckmann discusses calcium benefits with Inter-State President Robert B. McSparran, right.

At Inter-State meeting

Dairy product nutrition stressed

BY WENDY WEHR

LANCASTER — "Our problem is not over-production, it's under-consumption," proclaimed Dr. Elwood W. Speckmann, Vice President, Nutrition Research, National Dairy Council. And with that remark, he drew a strong affirmative response from his audience, the dairymen of Inter-State Milk Producers' Cooperative.

On Thursday, Dr. Speckmann addressed the delegates to Inter-State's 67th Annual Meeting. He outlined the focus of the nutrition research at Dairy Council, including information about the probable calcium deficiency in the diets of Americans.

"We are taking the offense to make good news happen about dairy foods. And the key to our offense is calcium," announced Speckmann. In the past few years, he explained, as Americans have sought health promotion and disease prevention, dairy products have been excluded from their diets because of risks of cancer, heart disease, and hypertension.

To reassociate dairy foods with health, Dairy Council is focusing on calcium. In particular, calcium is being identified with bone health and regulation of blood pressure, explained Speckmann.

In his discussion of osteoporosis, the loss of bone mass, he noted that bone health is strongly related to the intake of dietary calcium. "You know what we say out at Dairy Council," he quipped, "No bones about it, no bones without it!"

Currently, Americans, men and

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Pa. FFA'ers make good dairy showing

ST. LOUIS, MO. — Pennsylvania FFA'ers made their best competitive showing at the 57th National Future Farmers of America convention in dairy contests.

Before a convention audience of some 22,000 FFA members, advisors, parents and friends, Commonweahth top honors in national judging contests went to a trio of Lancaster County FFA'ers from the Solanco Chapter.

Joe DeLong, Mark Welk and Kris Esbenshade from Solanco FFA finished third in dairy cattle judging among 45 teams – one of the largest competitions at the convention. They were topped by teams from only two other states with a few dairy cattle. California finished first and Wisconsin was second.

Individually, Welk placed 14th;

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Pictured earlier this year when they won state competition in FFA Dairy Cattle Judging are, from the left, Joe DeLong, Mark Welk and Kris Esbenshade, of the Solanco Chapter, Lancaster County.

Depopulation moratorium approved

BY DICK ANGLESTEIN

HARRISBURG — A pseudorabies compromise has been reached with PDA's Bureau of Animal Industry for a moratorium on forced depopulation to provide time for a livestock group to prepare an alternate PRV control and eradiction program for presentation to BAI.

The compromise was unanimously endorsed by 15 livestock and ag representatives at a meeting at PDA offices on Wednesday.

The compromise essentially puts a temporary "hold" on forced depopulation for operators who currently have the disease and any new ones who might get it during the moratorium period that extends until May 1.

In that interval a committee of livestock representatives will draw up a draft report of a new program of how to deal with PRV, which will still have the goal of eradication, but without the economic hardships imposed by forced depopulation.

Principal areas of investigation were listed at Wednesday's session which will be included in the committee's work:

–Swine identification system;

–Quarantine measures;

–If there is no depopulation, what are the on-farm eradication measures to be, including vaccine use.

–A feasible marketing system for animals shipped under permit during quarantine.

–Indemnity;

–Retroactive indemnity;

–Swine shipping regulations, including vehicle cleaning and disinfecting;

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Thanksgiving notice

Due to the Thanksgiving holiday, Lancaster Farming announces the following deadlines for the Nov. 24 issue: sales register, mailbox market, public sale ads and display, 5 p.m., Monday, Nov. 19; Classified advertising: real estate and truck and trailers, 5 p.m. Tuesday, Nov. 20; all other classified advertising, 9 a.m. Wednesday, Nov. 21; and news, 4 p.m. Wednesday, Nov. 21.

Livestock market and auction news

Some markets not covered by PDA or USDA due to holiday

Lancaster Market

Monday, Nov. 12, 1984
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	957	127	946	379
Last Monday	774	151	792	720
Last Year	1044	172	1123	612
Monday's Auction	878	136	925	442
Last Monday's Auction	767	170	786	860

CATTLE: Compared to last Monday slaughter steers 1.00-1.50 higher, although Good steady to 1.00 higher; heifers 1.00-2.00 higher; cows firm to 50 higher, instances 1.00 higher on Canner and low Cutter; bullocks scarce; bulls firm. Supply included 49% steers, 25% heifers, 16% cows, and 10% bulls.

SLAUGHTER STEERS: High Choice and Prime 2-4 1200-1425 lb. 69.75-71.60, couple 71.75-72.50; Choice 2-4 1075-1450 lb. 66.25-69.50, few 69.50-70.60; high Good and low Choice 2-3 1050-1350 lb. 63.00-66.50; Good 2-3 56.75-61.00; Good and Choice 1200-1400 lb. Holsteins 56.00-60.50, Standard and low Good 51.00-54.50.

SLAUGHTER HEIFERS: Few head High Choice and Prime 3 975-1125 lb. 64.75-66.00; few Choice 2 900-1100 lb. 65.00-67.75; Choice 2-3 875-1100 lb. 61.00-64.00, couple lots mixed Good and Choice 60.00-61.00; Good 2-3 850-1050 lb. 55.00-60.00.

COWS: Breaking Utility and Commercial 2-4 37.00-38.50, few 38.50-40.50; Cutter and Boning Utility 1-3 34.00-37.00, few to 37.50; Canner and low Cutter 31.50-34.00.

BULLOCKS: Couple Choice 1150-1300 lb. 58.25-60.00; few Good 1050-1300 lb. 56.25-57.00.

BULLS: Yield grade 1 1300-1900 lb. 49.00-52.00, couple 53.00-55.00; yield grade 2 1000-1600 lb. 45.00-49.00.

VEAL CALVES: Vealers weak to 5.00 lower. Demand narrow for Holstein bulls to return to farm. Supply included one lot Prime special fed 330 lb. bought to arrive at 110.00.

VEALERS: Couple Choice 200-290 lb. 90.00-98.00; few high Good and low Choice 160-280 lb. 70.00-85.00; high Good and low Choice 85-115 lb. 40.00-55.00, 60-80 lb. 30.00-40.00.

RETURNED TO FARM: Few 95-120 lb. Holstein bulls 50.00-65.00.

SHEEP: Choice and Prime wooled lambs mostly steady, Good to low Choice 2.00-5.00 higher; slaughter ewes 3.00-5.00 higher. Supply included about 200 goats.

WOOLED LAMBS: Choice and Prime 80-110 lb. 63.50-70.00; Choice 70-105 lb. 60.00-67.00; Good 50-90 lb. 52.00-61.00.

SLAUGHTER EWES: Utility and Good 18.00-28.00.

GOATS: All goats sold by the head; large mature 40.00-55.00; medium sized 30.00-40.00; small, mainly kids, 15.00-30.00.

Vintage Market

Tuesday, Nov. 13, 1984
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	746	911	13	6
Last Tuesday	845	977	5	7
Last Year	725	893	9	5

CATTLE: Compared to last Tuesday slaughter steers 50 higher, instances 1.00 higher; slaughter heifers 1.00 higher; cows mostly steady, instances 1.00 higher on Canner and low Cutter; bulls scarce. Supply included 45 percent slaughter steers and 47 percent cows.

SLAUGHTER STEERS: High Choice and Prime 2-4 1125-1375 lb. 70.75-72.35, five head 73.10-74.25; Good and Choice 1-2 1100-1350 lb. 69.50-72.10; Choice 2-43 1075-1400 lb. 66.50-70.00, few 70.00-70.85; high Good and low Choice 2-3 64.00-66.50; few Good 2-3 60.00-63.00; few Standard to low Good 1150-1300 lb. Holsteins 45.75-52.00.

SLAUGHTER HEIFERS: Choice 2-3 950-1050 lb. 62.50-64.50; Good 2-3 850-1050 lb. 55.00-58.50.

COWS: Breaking Utility and Commercial 2-4 36.75-39.75, couple 40.50-43.00; Cutter and Boning Utility 1-3 33.50-37.50, few 37.50-39.00; Canner and low Cutter 30.50-33.50.

BULLS: Yield grade 2 1100-1850 lb. 45.00-48.00, couple yield grade 1 49.00-50.00; individual Good 1200 lb. bullock 53.75.

VEAL CALVES: Small supply Choice vealers mostly steady; bulk of supply high Good and low Choice 2.00-4.00 lower. Supply included 570 in graded sale of which 70 percent sold to return to farm.

VEALERS: Choice 180-270 lb. 90.00-99.00, individual 240 lb. 104.00; high Good and low Choice 160-280 lb. 68.00-80.00, 80-115 lb. 43.00-47.00 few 47.00-54.00, 60-80 lb. 35.00-43.00.

RETURNED TO FARM: 55 head 100-115 lb. Holstein heifers 48.00-51.00, 30 head 80-95 lb. 45.00-47.00. 165 head 100-125 lb. Holstein bulls 66.00-69.00, 40 head 110-115 lb. 74.00, 45 head 90-95 lb. 55.00-58.00; 75 head 100-120 lb. small frame 48.00-49.00.

SHEEP: Insufficient volume for a market test; few Utility and Good slaughter ewes 16.00-21.00.

GOATS: All goats sold by the head at 24.00-40.00.

Lancaster Auction

Wednesday, Nov. 14, 1984
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	469	26	502	11
Last Wednesday	256	64	576	11
Last Year	544	21	812	16
Wednesday's Auction	162	26	397	11
Last Wednesday's Auction	145	36	653	0

CATTLE: Compared to Monday; small supply slaughter steers 50-1.00 higher; few cows steady; slaughter heifers and bulls not tested. Supply included 67 percent slaughter steers and 23 percent cows.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1175-1350 lb. 71.00-72.50; Choice 2-4 1100-1375 lb. 68.00-70.00, few 70.00-71.10; few Good 2-3 1000-1200 lb. 59.25-64.00.

COWS: Breaking Utility 1-3 38.00-40.00; Cutter 1-2 33.75-37.25; Canner and low Cutter 30.00-33.25.

BULLS: Couple yield grade 1 1400-1700 lb. 50.00-51.00; couple yield grade 2 1100-1300 lb. 45.00-47.00.

VEAL CALVES: No market test.

SHEEP: No market test.

New Holland Livestock

Thursday, November 15
Report Supplied by USDA

CATTLE 929. Compared to last Thursday slaughter steers 50-1.00 higher; slaughter heifers not fully tested; cows 50-1.00 higher, instances 2.00 higher on Canner and Cutter; bullocks 1.00-2.00 higher; bulls 50-1.00 higher. Supply included 43 percent slaughter steers, 3 percent slaughter heifers, 43 percent cows, 5 percent bulls with balance feeders.

SLAUGHTER STEERS. High Choice and Prime 3-4 1175-1350 lb. 71.75-73.25, three head 73.75-74.00; Choice 2-4 1100-1425 lb. 68.00-71.00, few 71.00-72.00; high Good and low Choice 2-3 6325-67.00; few Good 2-3 59.00-63.00; few good 1150-1350 lb. Holsteins 53.00-54.50; Standard 47.00-51.00.

SLAUGHTER HEIFERS. Few choice 2-3 950-1100 lb. 60.00-65.00; few good 900-1025 lb. 56.00-59.00.

COWS. Breaking Utility and Commercial 2-4 38.00-40.50, few 40.50-42.50; Cutter and boning Utility 35.00-39.00, few 39.00-40.00; Canner and low Cutter 31.50-35.00.

BULLOCKS. Choice 1050-1300 lb. 60.00-63.50, few 64.00-65.00; Good 1000-1250 lb. 54.50-57.00.

BULLS. Yield grade 1 1250-1800 lb. 48.00-50.50; yield grade 2 1000-1400 lb. 44.00-48.00.

VEAL CALVES 664. Vealers 3.00-5.00 lower, instances 10.00 lower. Demand only fair for holstein bulls to return to farm.

VEALERS. High Choice and Prime 235-390 lb. 97.00-103.00, individual 285 lb. 106.00; Choice 160-320 lb. 75.00-95.00; high Good and low Choice 160-300 lb. 60.00-77.00; Good 160-350 lb. 44.00-60.00; high Good and low Choice 120-160 lb. 45.00-65.00, 80-110 lb. 40.00-46.00, few 70-80 lb. 36.00-40.00.

RETURNED TO FARM. Bulk 95-120 lb. Holstein bulls 50.00-59.00, few 60.00-67.00, several 90-110 lb. small frame 47.00-53.00.

SHEEP 45. Wooled lambs and slaughter ewes mostly steady.

WOOLED LAMBS. Choice 60-115 lb. 57.00-60.00, few 50-70 lb. 64.00-67.00; few Good 55-85 lb. 48.00-55.00.

SLAUGHTER EWES. Utility and Good 16.00-24.00, couple 28.00-32.00.

GOATS 97. All goats sold by the head, mainly 15.00-27.00, 10 head 30.00-44.00 and four head 46.00-53.00.

Lancaster County Weekly

Friday, Nov. 16
Report supplied by PDA

	Cattle	Calves
This Week	3700	1800
Last Week	3243	1879
Last Year	4438	1716

CATTLE: Compared with last week's market slaughter steers .50-1.00 higher; slaughter heifers 1.00-2.00 higher; cows .50-1.00 higher, instances 2.00 higher on Canner & Cutter; bullocks 1.00-2.00 higher; bulls firm to 1.00 higher. Supply included 35 per cent slaughter steers, 8 per cent slaughter heifers, 25 per cent cows, 5 per cent bulls, balance feeders.

SLAUGHTER STEERS: high Choice & Prime 2-4 1175-1425 lbs. 70.785-73.25, 8 head 73.25-74.00; Good & Choice 1-2 1100-1350 lbs. 69.50-72.10; Choice 2-4 1075-1400 lbs. 68.00-71.00 with some sales early part of week 66.25-68.00; high Good & low Choice 2-3 63.25-67.00, Good 2-3 59.00-63.00; Good & Choice 1200-1400 lb. holsteins 56.00-60.00; Good 1150-1350 lbs. 52.00-54.50, Standard 45.75-52.00.

SLAUGHTER HEIFERS: Few head high Choice & Prime 3 975-1125 lbs. 64.75-66.00, few Choice Grade 2 900-1100 lbs. 65.00-67.75; Choice 2-3 875-1100 lbs. 60.00-65.00; Good 2-3 850-1050 lbs. 55.00-60.00.

COWS: Breaking Utility & Commercial 2-4 36.75-40.50, few 40.50-43.00, Cutter & Boning Utility 1-3 34.00-39.00, few 39.00-40.00, Canner & low Cutter 31.00-35.00.

BULLOCKS: Choice 1050-1300 lbs. 58.25-63.50, few 64.00-65.00; Good 1000-1250 lbs. 54.50-57.00.

BULLS: Yield Grade 1 1250-1900 lbs. 48.00-52.00, couple 53.00-55.00; Yield Grade 2 1000-1600 lbs. 44.00-49.00.

VEAL CALVES: Vealers 3.00-5.00 lower, some late sales 10.00 lower. Demand no more than fair for holstein bulls to return to farm.

VEALERS: High Choice & Prime 235-390 lbs. 97.00-103.00, individual 285 lbs. 106.00; Choice 160-320 lbs. 75.00-99.00; high Good & low Choice 160-300 lbs. 65.00-80.00; Good 160-350 lbs. 44.00-60.00; high Good & low Choice 120-160 lbs. 45.00-65.00, 80-110 lbs. 40.00-47.00, few early 47.00-55.00, 60-80 lbs. 35.00-43.00.

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TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs
WEDNESDAY
8:00 A.M. — Slaughter Hogs
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
12 NOON — Slaughter Sale Load Lot (5 or more)
FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
8:00 A.M. — Slaughter Hogs

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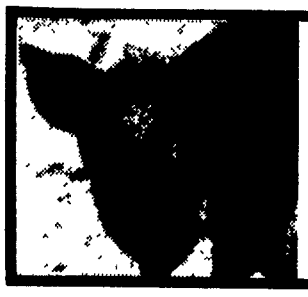


HOG MARKETS

Lancaster Hogs

Lancaster Stockyards
Monday, November 12
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts 25-75 higher; sows 1.00-2.00 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 51.60-52.25, couple lots 52.35-52.50. US 1 210-250 lb. 53.00-54.00. US 1-3 220-260 lb. 50.75-51.60. US 2-3 One lot 264 lb. 46.85. US 3 One lot 278 lb. 40.00.

SOWS: US 1-3 350-500 lb. 38.00-42.00, 500-650 lb. 42.00-43.85.

Tuesday, November 13

Today	290
Last Tuesday	164
Last Year	149

TREND: Compared to Monday barrows and gilts 1.00-2.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 49.50-50.50. US 1 210-250 lb. 51.00-52.00. US 1-3 200-265 lb. 49.00-49.50.

Wednesday, November 14

HOGS: Compared to Monday barrows and gilts 1.00-1.50 lower; sows steady, instances 1.00 higher on weights over 500 lb.

BARROWS AND GILTS: US 1-2 200-260 lb. 50.00-51.00, few 51.00-51.50. US 1 210-250 lb. 51.50-53.00. US 1-3 200-265 lb. 48.85-50.00.

SOWS: US 1-3 350-500 lb. 37.00-41.00, few 41.00-43.00; 500-650 lb. 43.00-45.00, few to 45.50.

New Holland Hogs

New Holland Sales Stables
Monday, November 12
Report supplied by USDA

Today	1692
Last Monday	1421
Last Year	1649

TREND: Compared to last Monday barrows and gilts 4.00-5.00 higher.

BARROWS AND GILTS: US 1-2 210-250 lb. 51.50-52.25, few 52.50-52.75. US 1 210-250 lb. 53.00-55.00, few 55.00-55.75. US 1-3 210-260 lb. 50.60-51.25. US 2-3 240-270 lb. 48.60-49.50.

Lancaster Hogs

Lancaster Stockyards
Saturday, November 10
Report supplied by auction

1000 head.

U.S. 1 220-260 lbs. 53.00-54.00. U.S. 1&2 220-260 lbs. 52.25-53.00. U.S. 1&3 220-260 lbs. 51.50-52.25. Sows over 470 lb. 43.75-46.00; under 470 lb. 37.00-43.50. Boar Hogs over 300 lb. 32.00-33.25; under 300 lb. 38.00-42.50.

Indianapolis Hogs

Thursday, November 15
Report supplied by USDA

800. Barrows & Gilts moderately active, steady to 25 higher.

BARROWS & GILTS: US 1-2 230-260 lb. 50.00-50.50, few hundred 200-220 lb. 49.00-50.00. Us 1-3 couple lots 230-250 lb. 49.75-50.00.

SOWS: Active, steady to 50 higher. (6%) US 1-3 380-470 lb. 40.00-41.50, few 520-600 lb. 44.00-46.00, lot 570 lb. 48.50.

BOARS: Few over 300 lb. 34.00-35.00; others scarce.

St. Louis Hogs

Thursday, November 15
Report supplied by USDA

4000. Barrows & Gilts moderate, active; under 260 lb. 50-75 higher, over 260 lb. steady-50 higher.

BARROWS & GILTS: US 1-2 210-250 lb. 50.50-50.75; 250-260 lb. 50.00-50.50. US 1-3 200-230 lb. 49.50-50.00; 260-270 lb. 48.50-49.00.

SOWS: Steady to 50 higher. (About 10%) US 1-3 300-500 lb. 42.50, over 500 lb. 44.50-47.00.

BOARS: Over 250 lb. 40.00; under 250 lb. 41.00.

Peoria Hogs

Thursday, November 15
Report supplied by USDA

2500. Barrows & Gilts moderate, fully 50 higher.

BARROWS & GILTS: US 1-2 220-250 lb. 49.50-50.00, 220 head 50.50. US 1-3 200-250 lb. 49.00-49.50.

SOWS: Steady to 50 higher. (16%) US 1-3 350-500 lb. 42.50-43.00; 500-650 lb. 45.00, one small lot 45.50.

BOARS: Over 350 lb. 40.00; under 350 lb. 40.00-40.50.

Lancaster Feeder Pigs

Tuesday, November 13
Report supplied by USDA

Today	952
Last Tuesday	725
Last Year	1326

TREND: Compared to last Tuesday feeder pigs fully steady. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 25 head 20-22 lbs. 105.00-109.00; 58 head 30-39 lbs. 88.00-98.00; 168 head 40-49 lbs. 83.00-92.00; 175 head 50-59 lbs. 74.00-84.00; 29 head 60-85 lbs. 60.00-61.00.

US 2: 48 head 27 lbs. 80.00-87.00; 60 head 30-39 lbs. 83.00-86.00; 85 head 47-48 lbs. 72.00-80.50; 22 head 52-55 lbs. 66.00-69.00.

US 2-3: 29 head 25-29 lbs. 84.00; 34 head 30-35 lbs. 78.00-86.00; 81 head 46-65 lbs. 63.00-72.00.

Carlisle Graded Pig Sale

Carlisle Livestock Market Inc.
Carlisle, Pa.
Friday, November 9
Report supplied by auction

TREND: Compared to October's State Graded Pig Sale pigs were uneven from 8.00 higher to 10.00 lower; extremes 20.00 higher to 20.00 lower on Lower Grades. All pigs weighed on arrival and sold by the hundred weight.

Total headage 1147 pigs.

US NO. 1&2's: 698 Head. 38 head 25-29 lbs. 71.00; 86 head 31-39 lbs. 70.00-77.00; 266 head 40-49 lbs. 71.00-96.00; 192 head 52-59 lbs. 65.00-83.00; 114 head 60-71 lbs. 62.00-69.00; 2 head 80 lbs. 55.00.

US NO. 2's: 222 Head. 29 head 19-28 lbs. 62.50-65.00; 151 head 30-45 lbs. 64.00-73.00; 36 head 56-70 lbs. 56.00-58.00; 6 head 84 lbs. 46.00.

US NO. 2&3's: 175 Head. 115 head 26-40 lbs. 52.00-76.00; 60 head 45-75 lbs. 45.00-63.00.

LATE CUTS: 13 head 56 lbs. 52.00.

UTILITIES: 15 head 15-35 lbs. 25.00-36.00.

AS IS: 24 head 33-77 lbs. 36.00-39.00.

New Holland Feeder Pigs

Wednesday, November 14
Report supplied by USDA

Today	808
Last Wednesday	778
Last Year	955

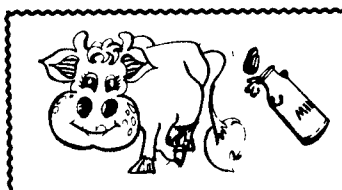
TREND: Compared to last Wednesday feeder pigs unevenly steady. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 12 head 19 lbs. 102.00; 37 head 24-27 lbs. 86.00-87.00; 175 head 30-39 lbs. 72.00-82.00; 130 head 40-49 lbs. 75.00-82.00; 25 head 44 lbs. 86.00; 160 head 50-59 lbs. 75.00-82.00; 42 head 60-85 lbs. 70.00-78.00.

US 2: 48 head 22-38 lbs. 68.00-69.00.

US 2-3: 24 head 30-31 lbs. 74.00-76.00; 48 head 40-49 lbs. 73.00-80.00; 9 head 65 lbs. 72.00.

UTILITY: 55 head 25-80 lbs. 50.00-66.00.



BREAKING MILK RECORDS!
Lancaster Farming Carries DHIA Reports Each Month!

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Week To Date (Est.)	533,000	47,000	1,325,000	98,000
Same Pd. Lt. Wk. (Est.)	544,000	47,000	1,338,000	101,000
Same Pd. Lt. Yr. (Act)	547,000	49,000	1,496,000	102,000

Chicago Grain Futures

(Closing Bids as of Thursday, November 15)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Nov.			6.12½	
Dec.	2.75½	3.55		150.20
Jan.			6.25¼	153.40
March	2.82¾	3.58¾	6.39¼	159.70
May	2.89	3.52¾	6.51½	165.30
July	2.92¾	3.41¼	6.61½	171.10
Aug.			6.61½	172.00
Sept.	2.88¾	3.45¼		

Trends - Corn - Weaker; Wheat - Weaker; Soybeans - Sideways; Soybean Meal - Weaker.

Futures Trading

(Closing Bids as of Thursday, November 15)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Nov.			3.35
Dec.	66.05	51.52	
Feb.	65.20	52.15	
April	67.12	48.57	
May			3.93
June	66.82		
July		53.35	
Aug.	64.97	51.02	
Oct.	62.85		

Trends - Cattle - Stronger; Hogs - Stronger.

ATTENTION CATTLE FEEDERS

During this stocker and feeder buying season, do yourself a favor and give us a call. Tell us what you want and we will fill your order according to your requirements.

Another thing to keep in mind. Financing is available to all qualified purchasers.

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Lancaster Stockyards
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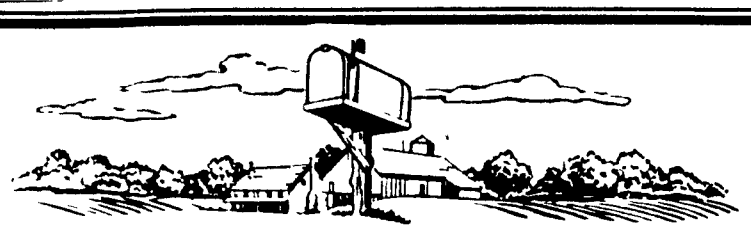
Keeping Abreast With The Times



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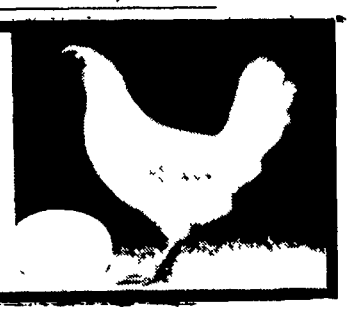
POULTRY MARKETS



N.E. Weekly Shell Egg Report

Tuesday, November 13
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS. X	1.03-1.05	.98-1.00	.81-.83	.55-.57
Mostly	1.03	.98	.81	.57
N. HAMP.	.92-.96	.87-.91	.69-.73	.43-.47
Mostly	.94-.95	.89-.90	.71-.72	.45-.46
R.I.	.92-.98	.87-.93	.70-.76	.44-.50
Mostly	.92-.94	.87-.89	.70-.71	.44-.45
VERMONT	.99-1.07	.95-1.02	.75-.85	—
Mostly	1.03	1.00	.84	—
MAINE	.99-1.03	.94-.98	.76-.84	.50-.55

X Includes Central and Western Sections only.

Delmarva Poultry

Thursday, November 15
Report supplied by USDA

Market Comment: Movement on ready to cook whole birds was slow, and it was difficult to clear current production. Carry-over of whole birds was common today. Demand for parts was light to fair with breasts the most difficult item to clear.

The slaughter remains very light as an occasional plant was not operating today and several will be closed tomorrow. Live supplies were adequate and weights were in a wide range. Undertone weak and unsettled.

Today's L.T.L. asking prices are .02 lower on U.S. Grade A at .50-.56 cents, but excess product continues to move at .46 through .48 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 11/15 1,604,000; Actual 11/8 1,976,000; Actual 11/13 1,689,000; Average Weights 11/13 4.30; Average Weights 11/6 4.23.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, November 13
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .68-.84 per lb.

MUSCOVY DUCKS, HENS: range .40-.52 per lb.

PEKIN DUCKS: range .30-.38 per lb.

PULLETS: 6-8 lbs. range .36-.54 per lb.

RED FOWL: 4-5 lbs. range .12-.26 per lb.

RED FOWL: 5-6 lbs. range .22-.30 per lb.

CROSSBRED FOWL: 5-9 lbs. range .20-.36 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .30-.52 per lb.

CROSSBRED ROOSTERS: 7-11 lbs. range .30-.72 per lb.

GUINEA HENS: range 1.50-1.90 per lb.

BANTY ROOSTERS: range .50-1.75 per lb.

BANTY HENS: range .25-.75.

LEGHORN HENS: .07-.14 per lb.

LEGHORN ROOSTERS: .09-.22 per lb.

GEESE: 8-15 lbs. range .22-.60 per lb.

TURKEYS: 19:35 lbs. range .56-.66 per lb.

PIGEONS: range 1.00-1.60 ea.

WHITE PIGEONS: range 1.00-1.50 ea.

RABBITS: 4-6 lbs. range .40-.72 per lb.

RABBITS: 7-11 lbs. range .20-.48 per lb.

BUNNIES: .35-1.50 ea.

GUINEA PIGS: range .10-2.50.

GOATS: range 20.00-46.00 ea.

KID GOATS: range 18.00-25.00 ea.

CHUCKERS: 3.25-3.60 ea.

DOVES: 1.00-2.25 ea.

Total Numer Goops: 1,012.

New York Multiple Drop Broiler Report

Thursday, November 15
Report supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A .49-.58.

Weighted AVG.: U.S. Grade A 54.88.

Premium (X) Boxes 8,675.

(X) Includes special services, selected competitive brands, etc.

Weekly New York Egg Market

From Friday, November 9 to Thursday, November 15

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.85		.86	.87	.87
Ex. Large	.79		.80	.81	.81
Large	.77		.78	.79	.79
Medium	.61		.62	.63	.63
Pullets	.50	C	.50	.51	.51
Off Grade	.67	L	.68	.69	.69
BROWN					
Jumbo	—	O	—	—	—
Ex. Large	.92	S	.93	.94	.96
Large	.89	E	.90	.91	.93
Mediums	.66	D	.66	.67	.69
Pullets Unquoted					
Peewees Unquoted					
Off Grade					
Undergrades	.40		.41	.42	.42
Checks	.38		.39	.40	.40

Breaking Stock: Friday - 14.10-14.70, 14.10-15.00; Wednesday - 14.40-14.70, 14.70-15.00.

Philadelphia Eggs

Thursday, November 15
Report supplied by USDA

Market Comment: Prices unchanged to higher. Cartoned egg movement was fairly good overall. Floor stocks of large were at least adequate for current needs in most quarters. A fairly active inquiry still existed for class 1's, but the availability was limited. On the other hand, graded loose were available for immediate delivery. Class 2's were also being sought in some quarters but not as aggressively as class 1's. Some inquiry noted in mediums, but this interest was easily filled as graded loose or class 3's by local producers. Extra large were in balance overall. Supplies were tight, and little or no excess production was showing up. Jumbos remain short of full trade requirement.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .70½-.77; A Large .69½-.76; A Medium .54-.59.

Eastern Pa. & N.J. Poultry

Wednesday, November 14
Report supplied by USDA

Market Comment: This week's deliveries were generally at 14 cents while bookings for next week and some even for the following week were developing at levels .01 higher. Plants operated on fairly full schedules; however, most plan to run only three days next week. Offerings of live were adequate.

Prices Paid at Farm:

Light Type Hens: 10-11, mostly 10.

F.O.B. Plant: 14-15, mostly 14.

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Record-Express Office Building
Phone: Lancaster 717-394-3047
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20,000 lbs. Of Milk - 305 Day Lactation

Test #	Lbs. of Milk	% Fat	Lbs. Of Hay	Lbs. Of Corn Silage	Lbs. of Ear Corn	Lbs. of [illegible]
1	90	3.6	12	40	17.6	15.0
2	88	3.6	12	40	17.3	[illegible]
3	82	3.7	12	40	16.7	13.2
4	74	3.8	12	40	15.6	11.3
5	68	3.8	12	40	14.4	9.9
6	63	3.9	12	40	13.8	8.8
7	58	4.0	12	40	13.2	7.8
8	53	4.0	12	50	9.1	6.2
9	46	4.0	12	50	7.8	4.5
10	38	4.0	12	50	5.9	2.5
TOTAL	20,130 lbs.	3.8%	3,660 lbs.	13,115 lbs.	4,008 lbs.	2,852 lbs.
$/Unit	$13.01 Cwt		$100/Ton	$25/Ton	$ 85/Ton	$230.40/Ton
Total $	$2,619		$183.00	$169.04	$170.34	$328.68

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$150.35 Net/Ton	$156.59 Net/Ton	$163.80 Net/Ton	$218.40 Net/Ton	$249.02 Net/Ton

Includes 4 ton volume discount and cash discount of 2½% due 15th following month.
(Prices effective Nov. 19, 1984 and subject to change with grain markets.)

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HAY MARKETS

Leinbach's Hay

Shippensburg, Pa.
Tuesday, November 13
Report supplied by auction

Alfalfa, 100.00-118.00; Mixed Hay, 56.00-81.00; Timothy, 70.00-81.00; Brome Grass, 73.00-80.00; Straw, 60.00-67.00; Ear Corn, 65.00-101.00; Firewood, 25.00-30.00 per pickup load.

New Holland Hay

New Holland Sales Stables
Monday, November 12
Report supplied by auction

139 loads.

Alfalfa, 80.00-145.00; Mixed Hay, 38.00-132.00; Timothy, 54.00-145.00; Clover, 105.00; Straw, 86.00-127.00; Ear Corn, 41.00 and 137.00; Corn Fodder, 72.00.

Green Dragon Hay

Friday, November 9
Report supplied by PDA

44 Loads Hay & 12 Loads Straw.

Alfalfa 86.00-118.00, one 133.00; Mixed hay 78.00-119.00, few to 61.00; Timothy hay 78.00-100.00, few to 60.00; Stubble hay, few 65.00-81.00; Straw 90.00-123.00; Ear Corn 5 loads 68.00-84.00; Corn Fodder, one load 33.00; Rye, 3 loads 2.75-3.10 per bu.

Good's Hay

Leola, Pa.
Wednesday, November 14
Report supplied by auction

68 loads.

Mixed Hay, 89.00-160.00; Straw, 86.00-138.00; Timothy, 101.00-127.00; Corn, 70.00-75.00; Alfalfa, 101.00-119.00; Brome Grass, 81.00.

Regional Hay

Friday, November 9
Report supplied by PDA

(All Hay No. 2 and better, prices paid by dealers at the farm and per ton.)

Hay steady to strong, Straw steady.

Alfalfa 75.00-100.00, few 110.00; Mixed Hay 70.00-90.00, few 100.00; Timothy Hay 70.00-90.00, few 100.00; Straw 65.00-85.00; Mulch 25.00-35.00.

King's Auction

Kirkwood, Pa.
Tuesday, November 13
Report supplied by Auction

Alfalfa 100.00; Mixed Timothy 91.00-115.00, one load with weeds 51.00; Clover 80.00-86.00; Straw 97.00-103.00; Firewood 52.00-55.00 pickup.

Pa. Grain

Tuesday, November 13
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central, PA. Corn uneven, mostly steady to 10 cents lower. Wheat highly uneven. Barley & Oats steady. New Ear Corn steady to $5.00 lower.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pennsylvania

Corn No. 2-y range 2.75-2.95, average 2.85, 85 crop* 2.80; Wheat No. 2 range 3.40-3.80, few reported 3.94, average 3.67, 85 crop* 3.34-3.50; Barley No. 3 2.25-2.45, few reported 2.00, average 2.32, 85 crop* 2.00-2.10; Oats No. 2 1.80-2.00, average 1.95; Soybeans No. 1 5.95-6.11, average 5.99; Gr. Sorghum #2 range 2.30, average 2.30; Old Ear Corn range 78.00-120.00, average 98.00; New Ear Corn range 61.00-65.00, average 62.40.

Central Pennsylvania

Corn No. 2-y range 2.80-2.95, few reported 2.70, average 2.85; Wheat No. 2 range 3.20-3.60, few reported 3.00, average 3.38; Barley No. 3 range 2.30-2.50, few reported 2.10, average 2.33; Oats No. 2 range 1.70-2.00, average 1.82; Soybeans No. 1 5.50-6.10, average 5.67; Buckwheat range 8.15-8.90, average 8.62; Old Ear Corn range 85.00-100.00, average 88.50; New Ear Corn range 50.00-60.00, average 56.56.

South Central Pennsylvania

Corn No. 2-y range 2.60-2.90, average 2.73; Wheat No. 2 3.00-3.25, few reported 3.50, average 3.17; Barley No. 3 2.25-2.40, few reported 2.60, average 2.38; Oats No. 2 range 1.80-2.10, average 1.96; New Ear Corn range 50.00-60.00, average 53.43.

Western Pennsylvania

Corn No. 2-y range 2.70-3.00, average 2.85; Wheat No. 2 range 3.00-3.35, average 3.15; Barley No. 3 range 2.35, average 2.35; Oats No. 2 range 1.70-2.35, mostly 1.90-2.10, average 1.98; Buckwheat range 8.00, average 8.00; Old Ear Corn range 90.00, average 90.00; New Ear Corn range 50.00-55.00, average 52.50.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.70-2.95, average 2.83; Wheat No. 2 3.20-3.80, average 3.45; Barley No. 3 range 2.25-2.50, average 2.34; Oats No. 2 range 1.70-2.00, average 1.88; Old Ear Corn range 78.00-120.00, average 93.25; New Ear Corn 50.00-65.00, average 57.96.

Frederick County Hay

Buckeystown, Md.
Thursday, November 15
Report supplied by auction

Market steady to weak; demand fair, 26 loads.

Alfalfa, 5 fairly good, 106.00-141.00; 4 fair, some dark, 74.00-105.00.

Mixed Hay, 4 fairly good, 82.50-102.50; Timothy, 1 load fancy, 126.00; 3 fairly good, 102.50-115.00.

Clover, 80.00; Straw, 108.00-112.00; Corn fodder, big bales, 17.00 ea.

Firewood, 80.00 cord; posts, 1.50-1.60 ea.

NOTE: No sale will be held on Thanksgiving.

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NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
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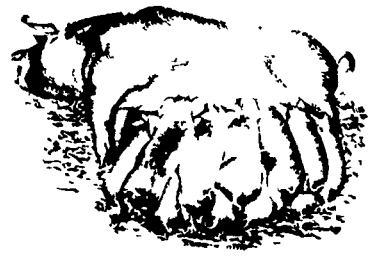
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY
FEEDER PIG SALE
1:30 P.M.



We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

THURSDAY

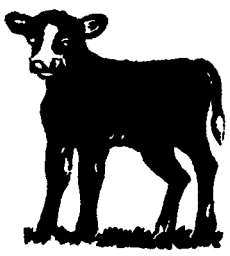
11:00 AM

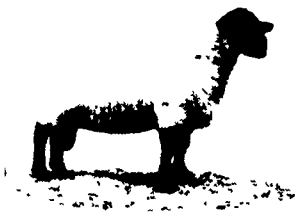
BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Central U.S. Carlot

Beef Report
Wednesday, November 14
Report supplied by USDA

Compared to Tuesday's 4:00 report: Steer and Heifer Carcasses steady except 400-550 lb. Choice Heifers in very thin test $1.00 higher. Afternoon trade slow, demand light on light supplies.

The gross boxed beef carcass cut out value advanced $.17 to an estimated $103.55 per cwt., 127 loads boxed cuts reported.

Sales reported on 39 loads of Steer and Heifer Carcasses.

Steer Beef
21 Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 100.00, steady.

Good 2 & Low 3 600-700 lbs. 96.50-97.50, steady.

Heifer Beef
18 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 99.00, steady; 500-550 lbs. 97.00, 1.00 higher; 400-500 lbs. 96.00, 1.00 higher.

Choice 4 500-700 lbs. 90.00, steady.

Good 2 & Low 3 600-700 lbs. 94.00-94.50, mostly 94.50, steady.

Cow Beef
10 Loads
FOB Omaha Basis

Prices firm to $1.00 higher, instances $2.00 higher F.O.B. Amarillo Basis. Packers holding firm on limited supplies.

Brkg Util 2-3 450&up lbs. 63.00 (MW).

Bng Util 1-3 400&up lbs. 64.00 (MW).

Canner & Cutter 1-2 350&up lbs. 66.00-67.00 (MW).

FOB Amarillo Basis

Bng Util 1-3 400&up lbs. 65.00.

Canner & Cutter 1-2 350&up lbs. 67.50-68.00.

Primal Beef Cuts
13 Loads
FOB Omaha Basis
Good & Choice 2-3

Short Plates 63.50.

Boneless Processing Beef
Beef Trimmings
100 Loads
FOB Omaha Basis

90% Chem Lean Fresh 93.00-95.50, bulk 94.00.

90% Chem Lean Frozen 96.00.

75% Chem Lean Fresh 80.00.

50% Chem Lean Fresh 54.00-55.00, few 56.00.

FOB Amarillo Basis

90% Chem Lean Fresh 94.00-94.50.

90% Chem Lean Frozen 96.00.

85% Chem Lean Fresh 89.00.

50% Chem Lean Fresh 56.00.

Carlisle Livestock

Carlisle, Pa.
Tuesday, November 13
Report supplied by auction

CATTLE: Cumberland County 4-H Beef Sale Results: Champion Steer brought $1.40 per lb. and the Reserve Champion brought $1.03 per lb. Steers: 1.00 higher. Low Choice 61.75-63.75; Good 58.00-62.00; Medium 57.50 down. Heifers: 1.00 higher. Choice 60.25-61.50; Medium 43.25-50.00; Good 52.50-58.00; Utility 37.00-41.00. Cows: High Yield 37.75-38.25; Average 34.50-37.50; Big Middle 31.50-37.00; Shelly 33.00 down. Fat Bulls: Good 47.00-50.50; Medium 42.50-46.00.

FEEDER CATTLE: Steers (300-550 lb.) 1.00 lower. Choice 56.00-60.00; Good 50.00-55.00; Medium 45.00-49.00; Culls 37.00-44.00. Steers (600-850 lb.) Choice none offered; Medium to Good 46.00-55.00. Heifers (all weights) mostly steady. Good 42.00-47.00; Medium 33.00-43.00. Bulls (all weights) 1.00 lower. Good 47.50-51.00; Medium 40.00-46.00.

VEAL CALVES: Choice 70.00-73.00; Good 60.00-69.00; Medium 50.00-59.00; Light/Weak 49.00 down. Farm Bulls 60.00-75.00; Farm Heifers 70.00-83.00.

HOGS: Barrows & Gilts .75 higher and active. 210-250 lbs. 48.75-50.75; over 260 lb. 48.25-49.00; Under 210 46.10-47.00; 2&3's 40.00-41.50.

SOWS: Strong demand 3.00 to 6.00 higher. Over 450 lb. 43.50-49.25; under 450 38.50-48.50:. Boars Heavy 34.00-36.50, Light 38.00-41.00.

FEEDER PIGS (by the hd) 2.00 higher; (20-30 lbs. 16.00-18.00 hd.) (30-40 lbs. 24.00-31.00 hd.)

SHEEP: Cumberland County 4-H Lamb Sale Results: Champion brought $1.70 per lb. and Reserve Champion brought $1.40 per lb. and Champion Pair .90 per lb. Lambs: Choice 56.00-60.00; Good 52.00-56.00; Medium 47.50-52.00. Ewes: 18.00-28.00 lb. Goats: (Lg) 30.00-41.00 (hd) Sm./Med 14.00-27.00 (hd).

G & M Livestock

Duncansville, Pa.
Monday, November 12
Report supplied by auction

SLAUGHTER CATTLE: Steers-Choice 62.00-66.60, Good 54.00-62.00, Standard 48.00-54.00, Utility 40.00-48.00. Heifers- Choice 60.00-65.10, Good 50.00-60.00, Standard 44.00-50.00, Utility 40.00-44.00. Cows-Choice 36.00-38.00, Good 34.00-36.00, Standard 30.00-34.00, Utility 28.00-30.00, Cutters 26.00-28.00, Canners down to 22.00. Bulls 1200-1900 lbs. 42.00-50.00, 900-1200 lbs. 40.00-48.00.

FEEDER CATTLE: Steers-Choice 300-600 lbs. 46.00-56.00. Heifers- Choice 300-600 lbs. 40.00-48.00.

CALVES: Vealers- Prime and High Choice 65.00-75.00, Good and Choice 55.00-65.00, Standard 40.00-55.00, Utility down to 25.00. Farm Calves- Holstein Bulls 90-120 lbs. 60.00-79.00, Heifers 90-120 lbs. 50.00-60.00.

HOGS: Barrows and Gilts 210-260 lbs. 48.00-52.00. Sows 300-600 lbs. 42.00-48.50. Boars 29.00-31.00.

FEEDER PIGS: 25-35 lbs. 15.00-22.00 per head, 35-50 lbs. 22.00-28.00.

SHEEP: Slaughter Lambs 70-120 lbs. 50.00-62.00. Ewes 12.00-30.00.

GOATS: 12.00-35.00.

East Coast Carlot

Wednesday, November 14
Report supplied by USDA

Compared to Tuesday's close: Prime Special Fed Veal generally steady in limited test. Good and Choice Boning Veal steady to weak; inshipped 3.00 higher than Friday's last test. Lamb market slow to develop, undertone unsettled. Compared to last week limited sales Boneless Beef 1.00 to 2.00 higher.

Veal Beef
Prime (Special Fed)
Hide On 105 Head

220-280 lbs. 150.00, few 153.00, generally steady.

Good & Choice
Boning Type
Hide On

NORTHEASTERN SUPPLIERS: 65-75 lbs. LTD 75.00, steady-weak; 55-64 lbs. LTD 73.00; 45-54 lbs. LTD 71.00; 35-44 lbs. LTD 69.00; 34 lbs. down LTD 67.00.

INSHIPPED: 71-80 lbs. 78.00-80.00, 3.00 higher than Friday; 61-70 lbs. 76.00-78.00; 51-60 lbs. 74.00-76.00; 41-50 lbs. 72.00-74.00; 30-40 lbs. 70.00-72.00.

Spring Lamb Beef
Choice & Prime 3-4
1 Load

55 lbs. down 135.00, steady.

Boneless Beef
(US & Canadian Origin)
3 Loads

Compared to last week: 1.00-2.00 higher.

90% Chem Lean Fresh 96.00-99.00.

Jersey Shore, Pa.

Thursday, Nov. 8
Report Supplied by Auction

Good Veal-65.00-75.00.
Common Veal-35.00-64.00.
Good Steers-65.50-69.75.
Common Steers-40.00-65.00.
Commercial Cows-38.00-41.50.
Canners-Cutters-28.00-37.00.
Heifers-38.00-60.00.
Feeder Cattle-25.00-44.00.
Bulls-37.00-45.00.
Good Hogs-44.50.
Sows-42.00-42.50.
Eggs-15.00-54.00.

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SPECIAL NOTICE
THURS., NOV. 29, 1984
1 P.M.
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215-458-8518

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Kondor Lumber Co.
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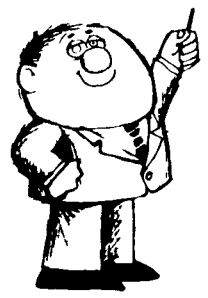

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STATE GRADED SALE
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WESTMINSTER
LIVESTOCK AUCTION
Westminster, Md
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THE OLD FARMER'S ALMANAC

NOV. 19-25, 1984

A warming trend that soon will end.

Start spring flowering bulbs now Average length of days for the week, 9 hours, 34 minutes New moon Nov 22 (Thurs) Blizzard in Northeast left 100 dead, Nov 25, 1950 Moses F Gale patented cigar lighter, Nov 21, 1871 Thanksgiving Day Nov 22 Senate rejected Wilson Peace Treaty and League of Nations, Nov 19, 1919 *Keeping company with the wolf teaches one to howl*

Ask the Old Farmer: Could you tell me how to open butternuts? I've tried a hammer and got nothing but mashed butternuts There must be an easier way G J, Akron, Ohio

I had an old uncle who got so discouraged trying to crack butternuts with a hammer that he chopped down his trees Only way we know is use a small vise Turn it until you just crack the shell, reverse the nut, and repeat until you can pick the shell apart

Home Hint: To relieve indigestion, drink a glass of water that has a generous teaspoonful of baking soda dissolved in it

OLD FARMER'S WEATHER FORECAST

New England: Week begins with a cold snap, mild with a few showers by midweek, end of week clear and warm

Greater New York-New Jersey Sunny and mild beginning of week, midweek brings cold, sunny and warm by end of week

Middle Atlantic Coastal Clear and warm at week s onset, sunny and warm by midweek, colder with showers at week's end

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Apple Market News Service

Tuesday, November 13, 1984

Good Morning. The market today is slow to fair and prices are still remaining steady. Supplies are very good. With the exception of a few of the larger growers, picking is finished and those supplies should be decreasing.

With cold weather finally here, growers polled hope that sales should begin to pick up.

Export sales are continuing at a good pace. Shipments are being made to Brazil, Trinidad, Panama, Columbia and England.

Prices quoted are wholesale, truckload, F.O.B. at the orchard or packing house.

Bagged Apples

Cartons 12/3# bags, 2¼" up: Red Delicious, U.S. Extra Fancy $7.00-8.00; U.S. Fancy 6.50-7.50; Comb. U.S. Fancy & U.S. Extra Fancy 6.75-7.50.

Golden Delicious: U.S. Extra Fancy few 7.00; U.S. Fancy few $6.75, mo. $7-7.50.

Stayman: U.S. Extra Fancy few 6.50; Comb. U.S. Fancy & U.S. Extra Fancy 6.75-7.50; U.S. Fancy 8.00.

Law Romes: U.S. Fancy 7.50-8.00.

Tray Pack: Red Delicious U.S. Extra Fancy 100's & lgr. 11.00-12.00; U.S. Extra Fancy 125's 10.50, 100's-113's 11.00; Combination grade 100's-88's 9.50-10.00; 113's 9.00; 125's 8.50.

Golden Delicious: Combination grade-88's & lgr. 11.50; 100-113's few 10.50, mo. 11.00; 125's 10.00.

Law Romes: U.S. Extra Fancy $10.50-12.00 mo. 11-12.00.

Stayman U.S. Extra Fancy 113's-100's 12.00; 88's lgr. 12.50.

Jonathan: U.S. Extra Fancy 125's-100's few 11.00.

Good's Fruit and Vegetable Auction

Tuesday, Nov. 13, 1984
Leola, PA
Report Supplied by Auction

APPLES - 2.40-7.10 bu.
BROCCOLI - .70-.90 hd.
CABBAGE - 1.40-4.00 bu., some .30 hd.
CHINESE CABBAGE - 5.00-6.00 box.
CARROTS - .25 bunch.
CAULIFLOWER - .25-.65 hd.
CELERY - .50 bunch.
DILL - .25 bunch.
GOURDS - .75 bag.
GRAPEFRUIT - 8.00 box.
ORANGES - 8.50 box.
PARSLEY - .25-.30 bunch.
PEARS - 1.00-5.25 bu.
PEPPERS - 9.50-11.00 box.
POTATOES - .95-4.40 bag (5, 10, 25 & 50 lb. bags).
RADISHES - .40 bunch; 1.25 bag.
RED BEETS - .42½-.55 bunch; 2.50-4.75 bu.
SPINACH - 8.50 box
SQUASH - 1.00-5.25 bu.
SWEET POTATOES - 1.00-11.00 bu.
TURNIPS - .90-5.00 bag.
ZUCCHINI - 8.50 bu.

Some markets not covered by PDA or USDA due to holiday

Central U.S. Carlot

Pork Report
Wednesday, November 14
Report supplied by USDA

Compared to Tuesday's 4:00 report: Fresh Pork Loins 14-22 lbs. weak on light test. Picnics, Boston Butts and Spareribs steady. Skinned Hams and Fresh Sdls Bellies steady to $1.00 higher. Trade slow to moderate with best movement on Hams and Bellies. Demand and offerings light to moderate. U.S. No. 1&2 165 lb. Pork Carcass cut out value declined $.13 to $.24 per cwt.

Sales reported on 31 loads of Fresh Pork Cuts and 5 loads of Trimmings and Boneless Processing Pork.

Fresh Pork Cuts

LOINS (Regular): 14-17 lbs. 86.00 weak; 17-22 lbs. 85.50 weak.

LOINS (Retail Trim): 14-17 lbs. 97.00, Short Cut, steady.

PICNICS: 4-8 lbs. 44.75, firm.

BOSTON BUTTS: 4-8 lbs. 66.50, firm.

SPARERIBS: 3-5&down lbs. 114.00, firm.

HAMS (SKINNED): 17-20 lbs. 93.00-94.00, steady-1.00 higher; 17-20 lbs. 88.00-89.00, TIS/Frozen, no comparison; 20-26 lbs. 90.00, load 91.00, steady-1.00 higher.

BELLIES (Sdls - Skin On): 12-14 lbs. 58.00-59.00, steady-1.00 higher; 14-16 lbs. 59.00, .25-1.00 higher; 20-25 lbs. 46.00, 1.00 higher.

BNLS CT BUTT: 1.5-3 lbs. 106.00 frozen.

Pork Trimmings
Boneless Processing Pork
(Chemical Lean)

42% Lean Trimmings Fresh 38.00, 1.00 higher.

42% Lean Trimmings Frozen 35.00, no comparison.

New Holland Dairy

New Holland Sales Stables
Wednesday, November 14
Report supplied by auction

Reported receipts of 95 cows, 49 heifers, and 10 bulls. Market stronger.

Load of PA Fresh cows, 700.00-950.00.

Load of PA Fresh cows, 785.00-1400.00.

Load of NY Fresh cows, 700.00-1425.00.

Load of Canada Fresh cows, 700.00-1100.00.

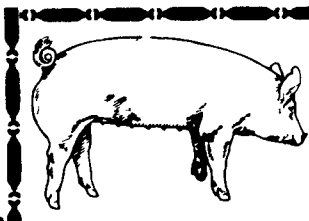
Herd of 19 head, all stages cows, 310.00-950.00.

Locally consigned cows 350.00-1000.00.

Springing heifers 535.00-790.00.

Open heifers 300.00-445.00.

Bulls 275.00-775.00.



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ON THE FARM MONTHLY
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Sale to Start Promptly at 1:00 P.M.
Every 4 Weeks

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- We will receive your hogs from 8 AM to 12 Noon every Monday Your hogs will be weighed and paid for immediately.
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- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

Livestock market and auction news

VIRGINIA MARKETS

Virginia Auction Summary

November 8-14
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 11,469.
Trend: Steady to $2.00 higher.

South & Southwest Va.
Novermber 8-14
Report supplied by VDA

"STEERS: Medium 1 300-500 lbs. 55.00-68.00, 500-700 lbs. 52.00-64.00, 700-1000 lbs. 48.00-59.00. Large 1 300-500 lbs. 60.50-70.00, 500-700 lbs. 54.00-64.50, 700-1000 lbs. 52.00-60.50. Small 1 300-500 lbs. 53.50-65.00, 500-700 lbs. 50.00-61.00, 700-1000 lbs. 43.25-55.50.

HEIFERS: Medium 1 300-500 lbs. 42.00-52.50, 500-700 lbs. 43.00-52.50, 700-900 lbs. 41.50-46.00. Large 1 300-500 lbs. 50.50-52.50, 500-700 lbs. 44.00-52.75, 700-900 lbs. 43.00-49.00. Small 1 300-500 lbs. 38.00-48.00, 500-700 lbs. 37.00-46.50.

Northern Va. Auction Summary
November 8-14
Report supplied by VDA

STEERS: Medium 1 300-500 lbs. 54.00-64.50, 500-700 lbs. 50.00-61.50, 700-1000 lbs. 50.00-61.75. Large 1 300-500 lbs. 52.00-65.00, 500-700 lbs. 54.00-65.00, 700-1000 lbs. 51.00-59.75. Small 1 300-500 lbs. 46.00-58.00, 500-700 lbs. 46.00-56.00, 700-1000 lbs. 50.00-54.00.

HEIFERS: Medium 1 300-500 lbs. 40.00-50.75, 500-700 lbs. 38.00-49.50, 700-900 lbs. 38.00-49.00, Large 1 300-500 lbs. 41.00-51.00, 500-700 lbs. 42.00-51.00, 700-900 lbs. 44.00-47.00. Small 1 300-500 lbs. 36.00-44.00, 500-700 lbs. 39.50-43.00.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, November 10
Report supplied by auction

FEEDER CATTLE: Trend- All classes steady to 2.00 higher. Steers- M&L-1 300-500 lbs. 55.00-64.00, 500-700 lbs. 54.50-61.00, 700-1000 lbs. 53.00-59.75, Holstein 300-1000 37.00-51.50, few at 55.00; S-1&M&L-2 300-500 lbs. 45.00-55.00, 500-700 lbs. 49.50-55.00, 700-1000 lbs. 42.50-53.50. Feeder Bulls- M&L-1 300-500 lbs. 53.00-59.50, few 61.00, 500-700 lbs. 45.50-53.50, 700-1000 lbs. 36.00-43.00; S-1&M&L-2 300-500 lbs. 42.00-47.00, 500-700 lbs. 41.00-47.50. Heifers-M&L-1 300-500 lbs. 41.50-48.00, 500-700 lbs. 42.00-48.00, few 50.50, 700-800 lbs. 44.00-51.50; S-1&M&L-2 300-500 lbs. 33.00-40.50, 500-700 lbs. 38.50-44.75, 700-800 lbs. 41.50-75.00.

STOCK COWS: Baby Calves 25.00-80.00, mostly 40.00-75.00.

SLAUGHTER COWS: Trend 1.00 to 2.00 lower. Utility & Commercial 2-4 28.50-37.75, Canners & Cutters 1-3 25.00-29.50.

SLAUGHTER BULLS: 1&2 39.00-49.00.

LAMBS: Trend- Steady. High Choice & Prime 60.50, Choice 59.25, Feeder Lambs Choice 60.75-63.00, Slaughter Ewes 10.50, Head Ewes 32.00.

HOGS: Sows 1-3 41.00-43.50, Boars 29.00.

VEAL: Choice & Prime 78.00-79.00, Good 65.00.

SLAUGHTER CALVES: Good & Choice 39.50-47.75.

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, November 13
Report Supplied by PDA

CATTLE 228. Few Choice slaughter steers 2-4 940-1140 lbs. slaughter steers 65.75-69, few Good 58-65.60, few Good and Choice holsteins 54.84-59.75, Standard 50.00-56, Utility & Low Standard 40.00-48, few down to 36.00. Few Choice slaughter heifers 3-4 875-1055 lbs. 56.00-58, few Good 49-54.75, few Standard 41-47.74, few Utility 33.85-41.75. Breaking Utility and Commercial slaughter cows 37.00-39, few 40.25, Cutter & Boning Utility 33.75-37.25, few 38.25, Canner & Low Cutter 29-33.85, Shells down to 20.50. Two Good slaughter bullocks 48 & 48.50, few Standard 42.25-46. Few Yield Grade No. 1 1380-1760 lbs. slaughter bulls 46.75-48.75, one at 51.50, one #2 1445 lbs. at 42.75.

CALVES 270. Few Choice vealers 68.00-69, one 76.00, few Good 50.00-66, Standard & Good 95-110 lbs. 44.00-50, 65-90 lbs. 35.00-44, Utility 50-110 lbs. 30.00-36, few down to 20.00.

FARM CALVES. Holstein Bulls 90-125 lbs. 47.00-73, mostly 60.00-71. Good & Choice 230-530 lbs. slaughter calves 42.00-50, few 56.00.

HOGS 157. US No. 1-2 220-260 lbs. barrows and gilts 50.35-51, lot at 52.00, No. 1-3 215-255 lbs. 49.50-50.25, few No. 2-3 2-250 lbs. 48.00-50, lot 302 lbs. at 44.75, No. 1-3 170-205 lbs. 45.50-47.60. US NO. 1-3 3-615 lbs. sows 42-46.75, few 47.50. Few Boars 30.75-32.00.

FEEDER PIGS 21. US No. 1-3 70-110 lbs. feeder pigs 38.00-40 per hundredweight.

SHEEP 6. One Good 95 lbs. wooled slaughter lamb at 37.00. Few slaughter ewes 9.00-16.00.

Morrison Cove Livestock Auction

Monday, November 12
Report Supplied by Auction

CATTLE 274. Compared with last week's market, High Choice & Prime slaughter steers 66.00-68.25, Choice 62.00-65.25, Good 56.00-61.75, Standard 51.00-54.25, Utility 45.25-49.50. Choice slaughter heifers 58.25-64.50, Good 53.50-56.00, Standard 48.25-51.75, Utility 43.25-47.00. Breaking Utility & Commercial slaughter cows 40.25-42.00, Commercial 36.25-38.50, Cutter & Boning Utility 31.75-34.25, Canner & Low Cutter 28.00-30.50, Shells down to 18.00. Choice slaughter bullocks 48.00-51.25, Good 43.00-46.50, Standard 37.50-41.50, Utility 32.50-36.00. Yield Grade No. 1 slaughter bulls, 51.00-52.25, Yield Grade No. 2 47.00-49.25.

FEEDER CATTLE. Steers Choice 3-700 lbs. 54.00-58.00, Good 3-700 lbs. 44.00-51.00, Medium 3-700 lbs. 36.00-42.00. Heifers Good 350-600 lbs. 46.00-51.00, Medium 350-600 lbs. 36.00-43.00. Bulls Good 3-600 lbs. 48.00-54.-0, Medium 3-600 lbs. 35.00-44.00.

CALVES 479. Prime Vealers 76.00-82.00, Choice 68.00-74.00, Good 61.00-66.00, Standard & Good 110-130 lbs. 51.00-56.00, 90-110 lbs. 45.00-48.00, 70-90 lbs. 42.00-44.50 Utility 40-60 lbs. 32.00-41.00.

FARM CALVES. Holstein bulls 90-130 lbs. 64.00-91.00, Holstein heifers 90-120 lbs. 54.00-66.00.

HOGS 173. US No. 1-2 220-240 lbs. barrows & gilts 51.25-52.25, No. 1-3 2-260 lbs. 50.25-51.00, No. 2-3 265-280 lbs. 48.00-49.00, 180-195 lbs. 47.25-49.50. Sows: US No. 1-3 350-600 lbs. sows 47.25-48.75, No. 2-3 350-600 lbs. 43.50-46.50. Boars 29.00-31.25, Light weights 33.25-37.00.

FEEDER PIGS 136. US No. 1-3 20-25 lbs. feeder pigs 10.00-16.00 per head, No. 1-3 30-35 lbs. 18.00-21.00, No. 1-3 40-60 lbs. 24.00-29.00 per head.

SHEEP 4. Choice 90-100 lbs. Wool slaughter lambs 58.50-63.00. Slaughter ewes 10.00-16.00. GOATS 11. 10.00-27.00 per head.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, November 13, 1984
Report supplied by Auction

Beef Cows: Utility and Commercial 35.25-38.00; Cutters 32.25-35.10; Canners 28.10-32.00; Shells 25.00.

Heifers: Good 51.50-54.25; Standard 45.00-48.00; Commercial 36.50-41.00.

Steers: Good 51.00-55.00; Standard 44.25-49.00.

Bulls: Standard 40.00-46.50.

Feeder Cattle: 300-500 lbs. large frame 48.00-55.00; 300-500 lbs. small frame 42.00-51.00; 500-700 lbs. large frame 46.00-50.00; 500-700 lbs. small frame 40.00-48.00.

Veal Calves: Choice 74.00-85.00; Good 62.00-73.00; Standard 50.00-61.00; Utility 40.00-49.00.

Farm Calves: Bulls 65.00-88.00; Heifers 44.00-58.00.

Hogs: 49.00-53.75.
Sows: 43.00-46.75.
Boars: 27.00-30.75.
Shoats: 25-30 lbs. per head 12.00-17.00; 30-35 lbs. per head 16.00-23.00; 35-50 lbs. per head 23.00-30.00.
Lambs: 43.00-54.00.
Sheep: 8.00-17.00.
Goats per head: 11.00-18.00.

Green Dragon Livestock Sales

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SALE EVERY FRIDAY

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1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.

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Lloyd H. Kreider, Auctioneer
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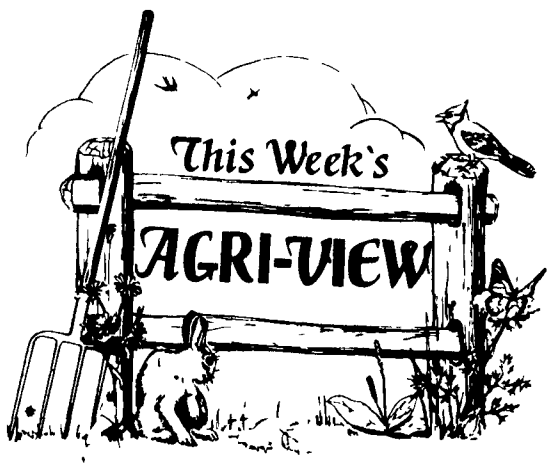


Dear Grandson or Granddaughter

BY DICK ANGLESTEIN

The following is a letter to a grandson or granddaughter as yet unborn:

Dear ,

Someday, you may come to me and ask about enrolling in vocational agriculture and joining FFA, assuming that both are still around when the time comes.

Like most everything else in life that's neither completely black or white but just a variegated shade of gray, I'm sure I will have mixed feelings.

I think that the discipline and self-confidence that you can learn in FFA in such activities as public speaking and parliamentary procedure will help your maturing process -- just as it has aided countless millions of youngsters before you.

FFA will also help give you a clean, wholesome competitive spirit in many of its activities -- something that will be invaluable throughout your life.

And FFA will bring you into contact with people that make up the "greatest minority in the world" -- those who work the land and those who directly help them.

But I wouldn't be completely honest with you if I didn't point out some reservations I have, too.

Sometimes, I think that some of the livestock competitions get out of hand and more, important help, to get the perspective of young minds out of kilter. I've noticed some who place primary emphasis on winning and not on competing and learning.

Holding back the natural development of livestock for later competition just makes no sense to me at all. How all of this has any relationship to teaching a youth how to be a successful farmer is beyond my comprehension.

Such tactics of holding animals back for Farm Show or whatever only tell me that the "end justifies the means."

I hope that's one lesson you never learn. Because if you do learn it, you only go through life trying to stretch that principle farther and farther. And this only brings heartache and disappointment.

Also, my future grandchild, if you look around the Lebanon County dairy scene, you'll probably see a pretty successful dairy farmer named John B. Kline.

A couple decades or so ago, John was already a true and legitimate successful dairy farmer, although he was only a short time out of high school. At the conclusion of a successful FFA career, John was up for a "Star" honor, that in effect would have said he was the top young production FFA'er in the country.

But that top honor eluded John, just as it eluded a close friend of his earlier.

When it's time for you, my grandchild, to mold your career and your way in the world, may you freely be able to make your choice as to whether you want to go to college or go directly into work in your chosen profession.

And, may you strive to do your best, if you choose not to go to college -- just as these two Lebanon County young men have done.

But even more important, if you decide not to go to college, may our society and peers be enlightened enough to realize that your decision should not be an artificial barrier to you when you come up against those who have selected the route of higher education.

For no matter what you eventually decide, you will always be the "star" in my mind -- just as they are today.

Sincerely,

Grandpa Dick

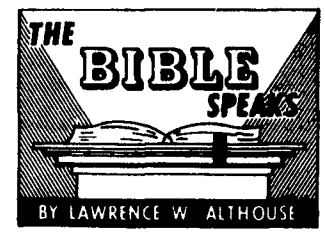
A Reasonable Compromise

The moratorium compromise between the Pork Producers and Pa.'s BAI seems to be a reasonable one. It gives economically hard-hit swine producers with PRV some breathing room, while still keeping a handle on the disease until a complete alternate program is developed.

It places a lot of responsibility on those swine producers and others who will be drafting the program. Some farmers in the coming few months are going to have to spend as much time on it as they almost spend on their own operations.

The PDA's BAI is to be lauded for its cooperative stance in the compromise effort.

The past is past now and all efforts should be directed at the future. This is not a win-lose situation for anyone concerned. If an effective alternative program can be devised to control and eventually eradicate PRV without jeopardizing operations, then everyone wins -- the state, the producers and the entire agricultural community



AWAKE OR SLEEP
November 18, 1984

Background Scripture:
1 Thessalonians 5.
Devotional Reading:
1 Thessalonians 4:1-12.

1 Thessalonians is likely Paul's earliest letter to one of his churches—or at least that we still have today. Scholars believe that it was written about 51 A.D., barely twenty years after the death and resurrection of Christ and still very early in Paul's ministry.

What I have cited above, however, is not just of historical interest. It is, rather, a very important factor to be considered in evaluating what Paul has to say in this letter.

THE DAY OF THE LORD

It is obvious, if we read all of 1 Thessalonians, that Paul expects the glorious return of Jesus to be quite immanent. He did not expect that death would claim the Thessalonian Christians before Christ returned in his glorious power. They were counseled to be ready at all times, so that they would not be caught unprepared.

By the time Paul writes some of his later letters—Philippians and Colossians, for example, some ten years later—he is no longer speaking of Christ's immanent return. In fact, Paul has stopped speculating when and how that Second Coming will be. Instead, he counsels: "When Christ who is our life appears, then you also will appear with him in glory" (Colossians 3:4).

Paul had apparently come to realize that, it is not so important when and how Christ will return to glory, but that we live in eternal readiness for him. Paul did not know when Christ was returning, but it didn't matter, for, regardless of that, Paul knew what he must be doing. He must live so close to Christ that, whether he returned or didn't, nothing could take from Christ's grasp.

LIVE WITH HIM

God has destined us, says Paul, for "salvation through our Lord Jesus Christ, who died for us so that whether we wake or sleep we might live with him." There's the key for all of us concerning the Second Coming of Christ. If we live closely to him, we need never be caught unprepared.

Thus, the waiting to which they are called is a rather delicate balance. On the one hand we must never be so unmindful of it, that we forget to be ready. On the other hand, we should never be so preoccupied with it that we fail to devote ourselves to the here and now.

And what should we be doing while we wait for his return in glory? Paul states it clearly. "admonish the idle, encourage the faint-hearted, help the weak, be patient with them all" (5:14). Thus, instead of debating about Christ's return, we need to be doing the things we'd want him to find us doing when that day does come.

Obviously, Paul was in error in thinking about Christ would soon return. But that does not detract in any way from Paul's counsel to both the Thessalonians and us. "Whether we wake or sleep we might live with him."

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Repair Machinery During The Winter

Most of the outside field work is finished for this year. I also know that every farm has machinery that needs repair and service. If you are planning to have this done at your machinery dealer, it would be wise to contact him in the near future so it's on his work schedule. I'm aware of the spring rush next March and April; and I know your local serviceman will appreciate the work during the fall and into the long winter days. It can also save time in case parts need to be ordered to complete the job. The objective is to be planning for this repair work now. Have it done so you're machinery is ready to go early next spring.

To Be Aware of Wild Birds

No doubt most livestock producers have faced the problem of wild birds during snow covered days. These birds come by the thousands and feed from livestock bunks and feeders. They not only eat feed but their droppings present very unsanitary conditions for everyone. Also, since the birds fly from farm to farm, they are a definite source of spreading various diseases. Unfortunately, we do not have a real good cure for the problem. They can be screened out of confinement buildings. One farmer obtained results by dipping a half inch rope in creosote, then tacking it on top of the roosting area, giving discomfort by irritating the feet. Another farmer suggests using a shallow pan with about a half inch of salt on the bottom with a thin layer of lard over the salt so as the bird pecks through the lard they pick up the salt. In buildings without livestock, a rotating light makes the birds dizzy and they will not stay long. In any event ... good luck.

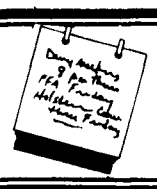
To Order Small Fruit Plants Early

This may strike you as premature, but this is a good time to order small fruit plants for next spring. Although you won't put them in the ground until April, you should be flipping through catalogs now. Ordering early assures you of a wide selection of the best varieties. Companies begin filling orders with their best stock ... if you delay you could be stuck with what's left over. Ordering early also means you'll get your strawberries or raspberries or whatever at the best time to plant.

So, dig out those catalogs now ... get your order in ... and be

(Turn to Page A12)

Farm Calendar



Saturday, November 17

Hunterdon County N.J. Board of Agriculture annual dinner meeting, 6 p.m., Quakertown Fire House, near Pittstown, N.J.

Monday, November 19

PFA Annual meeting, Hershey Convention Center, continues through Wednesday.

McKean Extension Executive meeting, 8 p.m., Extension Center, Smithport.

Tuesday, November 20

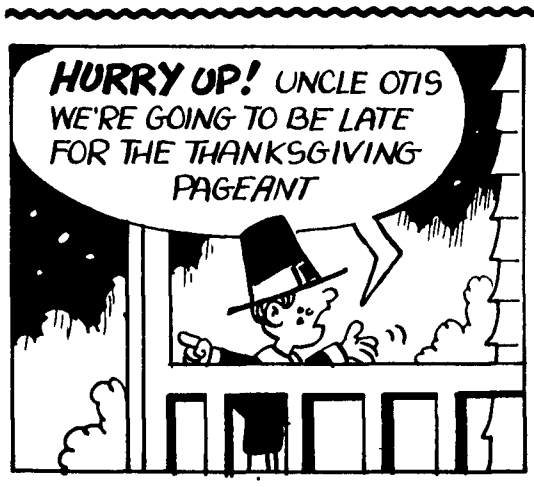
York DHIA Banquet.

Peninsula Horticultural Society meeting for greenhouse and nursery operators, 9:15 a.m. - 3:30 p.m. Wicomico Youth × Civic Center, Salisbury, Md.

Forage Conference, 8:30 a.m. - 3:30 p.m. Mountain View Hotel, 5 miles east of Greensburg.

Dairy Feeding Programs, McKean County.

Annual Lancaster County Ag Industry Banquet, 7 p.m., Historic Strasburg.



Good reasons to still order early...

...that make great cents. (until 11/30)

Funk's G-Hybrids purchased now are priced below quotations in effect at corn planting time last Spring. (Prices are expected to increase after November 30.) Quantity Discounts. The more Funk's G you order now, the more you save. Combined Discounts when you order Hoffman alfalfa, formulas, etc. along with your seed corn. (The more you buy from now through Spring, 1985, the better discount you earn.) Attractive Prepayment Discount if you pay before November 30. Opportunity to try exciting new hybrids produced in limited quantities. Early buyers are better protected against seed shortages in their favorite hybrids and/or preferred kernel sizes. Limited supplies of Funk's G-Silage Blends are available now. Supplies will not last until planting time.

Rules and Regulations: 1. Hybrids and seed sizes offered are subject to change and availability due to seed production uncertainties. 2. Signed orders must be in our office by November 30 1984 to qualify for "Early Order" pricing.

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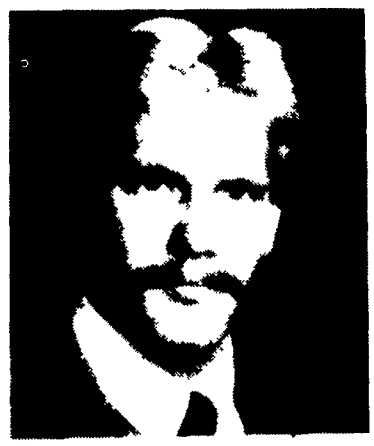
Smith gets Atlantic post

LANCASTER — Thomas Smith, of Annville, has been named to assist in young sire procurement for Atlantic Breeders Cooperative, according to Harry Roth, Operations Director. Smith's duties include evaluating potential contract-mating cows and ET bull calves for possible addition to Atlantic's young sire sampling program.

About 55 new young sires with high pedigree potential are added each year for progeny testing in herds owned by Atlantic members. Roth says Smith will also work in the Cooperative's Linear-Mate herd evaluation and sire selection program to help dairymen use proven sires most effectively.



Thomas Smith

Smith graduated earlier this year from Delaware Valley College at Doylestown with a bachelor of science degree in dairy husbandry. He received DVC's Dairy Shrine Award this year and in 1983 won the Dairy Husbandry Junior Achievement Award.

He grew up on his family's (Robert Smith) Lebanon Valley Guernsey Farm and helped care for their 65-cow herd. Smith was named the District Outstanding Guernsey Youth last year. His activities have included fitting, showing, and judging dairy cattle.

Grange Master coming to Del.

DOVER, Del. — Edward Andersen, Master of the National Grange, Washington, D.C., will be in Delaware for the two-day 110th annual session of the Delaware State Grange, Dec. 4-5. Andersen will speak to the Grange Session on Dec. 4, in Midland Grange Hall, Georgetown, where the meetings will be held. He will also speak at the annual Session Banquet, Dec. 5 at 6:30 p.m., in Cape Henlopen High School Cafeteria, in a Town Forum session with questions from the audience.

Andersen was elected Master of the Grange in 1979. He had served several years as Master of the Nebraska State Grange and as Overseer (Vice - president) of the National Grange, the nation's oldest and second largest general farm organization. A former dairy farmer, he served as president of the Nebraska Highway Users Federation and secretary-treasurer of the Nebraska Agriculture Council. He was a member of the National Beef Development Task Force and Beeferendum Committee, and chairman of the National Farm Coalition. He was recently appointed by the president to the special Farm Export Commission.

People interested in hearing Andersen may get banquet tickets from any local Grange lecturer, or from the State Grange Office, 911 S. Governors Ave., Dover, DE 19901; phone: 734-4653.

Edward Andersen

OUR READERS WRITE, AND OTHER OPINIONS

Dairy promotion

Dear Editor:

While reading the September 22, 1984, issue of "Lancaster Farming", I saw the article on dairy commercials, page A 12, I've now seen several of those commercials on television, and I've been struck by their attractiveness. However, I do think they may be missing the point.

Consumers need to be encouraged to buy and use more dairy products, so why doesn't the National Dairy Promotion Board offer dairy recipes for those delicious looking foods at the end of each advertisement? To take the idea one step further, why not offer dairy savings coupons (10 cents or 20 cents or 25 cents off on milk, butter, cottage cheese, cream cheese, sour cream, etc., etc.? This could be especially appropriate with the holiday season approaching! Of course, consumers would have to submit a self-addressed, stamped envelop to reduce postage costs, but what a bonanza for dairymen.

I'm certain you'll say this better than I ever could, so please foster the idea along.

Sincerely yours in service to farmers.

Jeanne M. Urban
Clearfield, Pa.

Dear Ms. Urban:

You said it just fine.

Now is the Time

(Continued from Page A10)

prepared for delicious fruit from your planting.

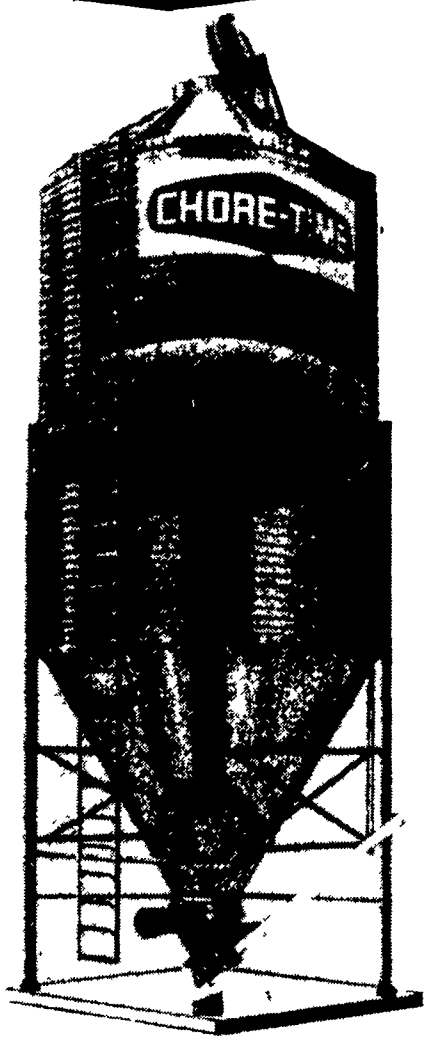
To Beware of Anti-Freeze Poisoning in Dogs

An increasing number of people are doing their own automobile, truck and tractor maintenance. This may include draining and changing the anti-freeze. If you are among this group of home mechanics, a word of warning is advised.

Our Extension Veterinarian tells us that dogs find the sweet flavor of anti-freeze solutions very tasty. Beware! Ethylene glycol, a chief ingredient in anti-freeze, is extremely toxic to dogs, causing severe kidney damage. Never leave open containers of automotive coolant lying where a dog might find and drink from them. If your car, truck or tractor leaks coolant or the radiator overflows into the driveway, clean the spill and dispose of the soaked towels properly, so your own or your neighbor's dog cannot inadvertently harm itself.

The Extension Service is an affirmative action, equal opportunity education institution.

CHORE-TIME CHORE-TIME hopper-bottom bins for feed storage



NOW FACTORY DISCOUNTS ON CHORE-TIME BINS

The Quality Is The Same... The Prices Are Lower!

CHECK THESE FEATURES:

- BIN LID has 24-inch diameter, is formed from one piece of steel for maximum rigidity and warp-resistance — to keep it weatherproof. Big 22½-inch opening means less feed waste.
- BIN LEGS are formed from heavy, all galvanized steel to make a girder-like structure with 6 separate bends or "breaks". Formed leg gives superior fit, finish, and durability over that provided by other types.
- ALL BIN SEAMS are double caulked with non-hardening sealer for maximum weather protection.
- TO HELP YOU get the long life and full depreciation you want from your investment, all metal parts are fully galvanized for maximum rust resistance.
- CHORE-TIME'S FULL ONE-YEAR warranty (we'll provide a copy on request) against any product defect is another valuable feature you get with every Chore-Time bin.
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SIZES AVAILABLE FROM
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COMPLETE SYSTEMS, EQUIPMENT, SALES, INSTALLATION, SERVICE FOR CATTLE, HOG, POULTRY AND GRAIN

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Livestock market and auction news

Keister's Livestock

Middleburg, Pa.
Tuesday, November 13
Report is supplied by Auction

CATTLE 409. Choice slaughter steers 66-68.75, Good 64-66.50, Standard 59.00-64, Utility 50.00-59. Choice slaughter heifers 60.00-64, Good 55.00-60, Standard 50.00-55, Utility 40.00-50. Breaking Utility & Commercial slaughter cows 36.00-40, few 41.50, Cutter & Boning Utility 32.00-36, Canner & Low Cutter 27.00-32, Shells down to 23.00. Yield Grade No. 1 800-1600 lbs. slaughter bulls 40-48.50.

FEEDER CATTLE. 400-600 lbs. steers 53.00-59.00.

CALVES 172. Choice vealers 80.00-88, Good 70.00-80, Standard and Good 90-110 lbs. 54.00-57, Utility 80-100 lbs. 35.00-42.00.

FARM CALVES. Holstein Bulls 90-110 lbs. 50.00-62.00.

HOGS 428. US No. 1-2 210-235 lbs. barrows and gilts 51-52.25, few select 52.85, No. 1-3 190-250 lbs. 50.00-51, No. 2-3 190-270 lbs. 48.00-50. US No. 1-3 3-650 lbs. sows 41.50-46, few 48.50, No. 2-3 3-500 lbs. 37-41.50. Boars 36.50-37.50.

FEEDER PIGS 318. US No. 1-3 20-30 lbs. feeder pigs 18.00-22 per head, 30-40 lbs. 22.00-34 per head.

SHEEP 19. Good 80-100 lbs. wooled slaughter lambs 60.00-64, Utility 48.00-54.

Greencastle Livestock

Greencastle, Pa.
Monday, November 12, 1984

CATTLE 428. Butcher Steers-Choice 66.00-68.75; Butcher Steers-Medium-Good 53.00-66.50; Butcher Heifers-Choice 62.00-66.00; Butcher Heifers-Medium-Good 45.00-63.00; Butcher Cows-Utility-Good 34.00-38.50 few to 40.00; Butcher Cows-Canners and Cutters 32.00-37.50; Butcher Cows-Shells 32.00 and down; Butcher Bulls-Medium-Good 42.00-54.25.; Stock Steers-Medium-Good up to 58.00; Stock Heifers-Medium-Good 47.50.

CALVES 327. Medium-Good Calves-160-220 lbs. 60.00-80.00; Medium-Good Calves-125-160 lbs. 55.00-70.00; Medium-Good Calves-100-120 lbs. 45.00-60.00; Medium-Good Calves-80-100 lbs. 40.00-50.00; Holstein Bull Calves up to 80.00; Holstein Heifer Calves 61.00; Light and Green Calves down to 20.00.

SHEEP and LAMBS 17. Medium-Good Lambs 48.00-50.00; Butchering Ewes and Bucks 14.00-18.00.

HOGS 92. Good-Choice Butcher Hogs 190-225 lbs. 47.00-52.00; Good-Choice Butcher Hogs 225-250 lbs. 49.00-53.00; Good-Choice Butcher Sows 400 lbs., up to 45.00; Good-Choice Butcher Sows 400 lbs., up 48.50; Heavy Boars 33.50; Pigs-Per Head 10.00-25.00.

Peoria Cattle

Thursday, November 15
Report Supplied by USDA

Slaughter steer prices 1.50 to mostly 2.00 higher with heifers fully 1.50 higher as live cattle prices kept pace with a steadily advancing dressed beef trade. Cows closed steady to weak with slight decline on Canner and Cutter. Bulls 3.50 to 4.00 lower. Supply mainly good and choice slaughter steers and heifers with 17% cows. Receipts this week about 1600 as compared to 1326 a week ago and 2056 a year ago.

SLAUGHTER STEERS. Choice 2-4 1050-1200 lbs. 65.00-66.00, couple loads 66.50; 900-1050 lbs. 63.50-65.50. Mixed good and choice 2-3 900-1100 lbs. 60.50-63.50. Couple loads good, few choice 2-3 holsteins 1150-1290 lbs. 58.00. Good 2-3 59.00-61.00.

SLAUGHTER HEIFERS. Choice 2-4 950-1100 lbs. 62.50-64.00, couple loads 64.25-64.50; 800-950 lbs. 61.50-63.00. Mixed good and choice 2-3 900-1000 lbs. 60.00-62.50. Good 2-3 58.00-61.00.

COWS. Breaking utility and commercial 2-3 35.00-38.00. Cutter and Boning Utility 1-2 32.00-35.00. Canner and Low Cutter 28.00-33.00.

BULLS. VG 1-2 1150-2110 lbs. 38.00-43.50.

Oklahoma Cattle

Wednesday, November 14
Report supplied by USDA

Estimated Receipts	7500
Same Day Last Year	5443

Compared to Tuesday: Feeder Steers and Heifers under 600# steady to 1.00 lower; over 600# Steers steady; over 600# Heifers steady to 50 cents higher. Demand good for Yearlings. Demand light to good for Calves, good only for those of know quality and freshness. Bulk supply Medium Frame 1 and Mixed 1-2 350-750 lb. Feeder Steers and 300-600 lb. Heifers.

FEEDER STEERS: Medium and Large Frame 1 300-400 lb. 65.00-72.00, lot 390# 73.25; 400-500# 63.00-70.00 few lots gaunt 70.00-72.30; 500-600# 64.00-68.50; 600-700# 64.70-67.30, short-load 670# gaunt 67.20, short-load 665# full 64.70; 700-800# 63.90-66.60; 800-850# 62.90-64.10; lot 945# 61.90.

Mixed Medium and Small Frame 1 350-450 lb. 59.25-64.70; 500-700 lb. 61.00-65.50, half-load 545 lb. 66.20, short-load 690 lb. 66.70.

Medium and Large Frame Mixed 1-2 275-500 lb. 60.50-66.00; 575-700 lb. 62.25-64.75; 725 lb. 62.00.

Medium and Large Frame Mixed 2 375-500 lb. 55.25-60.50; package 365 lb. 51.75. 575-775 lb. 58.00-62.25; 895# lot 54.90.

Large Frame 2 Holsteins 450-640# thin 47.10-47.40.

FEEDER HEIFERS: Medium and Large Frame 1 300-400# 55.00-61.10; 400-500# 53.00-60.50 some lots gaunt 60.50-61.75; 500-600# 55.25-59.30; 600-800# 57.00-60.00, small lot 625# 61.50.

Mixed Medium and Small Frame 1 325-375# 52.75-54.50; 425-500# 48.00-51.00; lot 570# 54.25.

Medium and Large Frame Mixed 1-2 300-500 lb. 50.00-54.00, some thin lots 54.00-55.25; 500-600 lb. 52.00-55.50; few lots 600-725 lb. 55.00-57.50.

Medium and Large Frame 2 300-500 lb. 45.00-50.00; lot 600# 51.50.

FOR THE WEEK: Feeder Steers and Heifers under 600# steady; over 600# Steers 1.00 higher; over 600# Heifers 50 cents to 1.00 higher. Slaughter Cows firm to 3.00 higher largely 1.00-2.00 higher. Bulls steady.

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100 bags	$7.00 per bag
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25-49 bags	$5.00 per bag
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1-9 bags	$2.00 per bag

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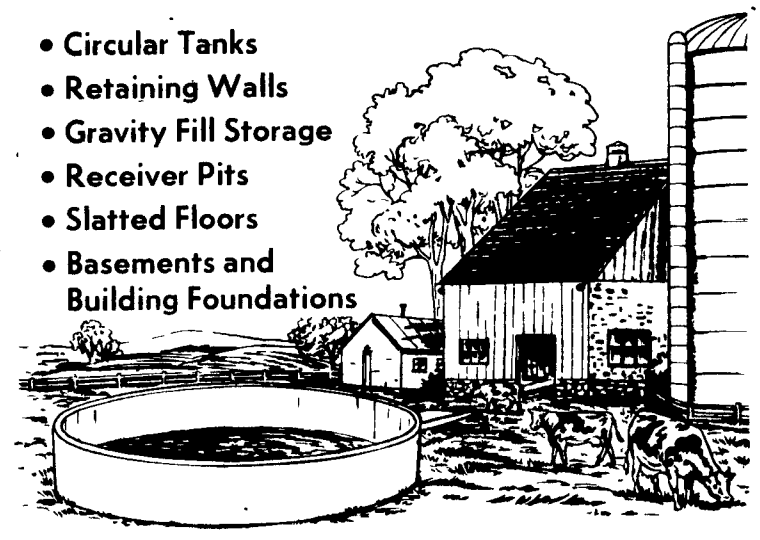

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Livestock market and auction news

St. Louis Cattle

Thursday, November 15
Report supplied by USDA

Receipts This Week	3,100
Week Ago	3,700
Year Ago	4,800

Compared to last week's close, Slaughter Steers 2.00-2.50 higher. Slaughter Heifers mostly 2.00 higher. Cows mostly 1.00 higher. Bulls steady. Slaughter supply mainly Choice Steers, and Heifers, around 15% Cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1300 lbs. 64.50-65.50, closing 65.00-65.50. Choice 2-4 1000-1250 lbs. 63.50-65.00, closing sales 64.00-65.00; 900-1000 lbs. 61.50-64.00. Mixed Good and Choice 2-3 900-1175 lbs. 61.50-64.00. Good 2-3 900-1175 lbs. 59.50-62.00, Mostly Good 2-3 975-1400 lb., Holsteins 51.00-58.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 900-1100 lbs. mostly 63.00, part load 63.50. Choice 2-4 900-1075 lbs. 61.50-63.00; 800-900 lbs. 59.00-61.50. Mixed Good and Choice 2-3 800-1000 lbs. 59.00-61.50. Good 2-3 750-975 lbs. 56.50-59.00.

COWS: (Closing week sales) Breaking Utility and Commercial 2-4 34.00-36.00. Cutter and Boning Utility 1-2 34.00-36.00. High-Yielding Utility 1-2 36.00, few up to 37.00. Canner and Low Cutter 1-2 31.00-34.00. Shelly Canner 1-2 27.00-31.00.

BULLS: YG 1-2 1050-1900 lbs. 42.00-46.00.

Wednesday's Weekly Sheep Auction

Receipts around 400 head. Compared with last week. Slaughter Lambs 1.00-3.00 higher. Feeder Lambs 3.00 higher. Trading was moderate to active, demand good, supply moderate and consisting mostly of Wooled Slaughter Lambs and Feeder Lambs.

SLAUGHTER LAMBS: Mixed Choice and Prime Wooled 90-140 lbs. 58.00-64.50. Same grades shorn with No. 1-2 Pelts 100-140 lbs. 62.00-65.50.

SLAUGHTER EWES: Few Utility to Good 9.50-14.50.

FEEDER LAMBS: Mixed Choice and Fancy 55-85 lbs. 52.00-54.50.

GOATS: Few 14.50 per head.

FEEDERS. (Including around 2,000 at the regular Thursday Auction.) Feeder Steers 300-500 lbs. 1.00-2.00 lower; 500-600 lbs. steers very uneven, mostly steady to 2.00 lower; 600-750 lb. steers steady to 2.00 higher. Steers over 750 lbs. scarce. Feeder heifers 300-600 lbs. 1.00-2.00 lower; over 600 lbs. steady.

FEEDER STEERS. Medium and large frame 1: 300-500 lbs. 59.00-66.00; 500-600 lbs. 60.00-65.00, three lots 67.50-69.00; 600-800 lbs. 62.00-65.00.

MEDIUM AND LARGE FRAME 1-2. 350-600 lbs. 52.00-58.00.

SMALL FRAME 1-2. 300-550 lbs. 54.00-56.00.

LARGE FRAME NO. 2 HOLSTEINS. 350-600 lbs. 40.00-44.00.

FEEDER HEIFERS. Medium and large frame 1. 300-500 lbs. 47.00-49.00; 500-600 lbs. 49.00-52.00; 600-800 lbs. 51.00-54.00.

MEDIUM AND LARGE FRAME 1-2. Couple lots 500-700 lbs. 45.00-49.00, EB 59.00-65.00, EC 60.00-66.00, ED 60.00-69.00, EE 63.00-65.00, EF 62.00-64.00, EG Scarce, GB 47.00-48.00, GC 48.00-49.00, GC 49.00-52.00, GE 53.00-54.00, GF 51.00-53.00.

Belknap Livestock

Dayton, Pa.
Wednesday, November 14, 1984
Report Supplied by PDA

CATTLE 184. Supply includes 50% Feeder Cattle and 40% Cows. Slaughter cows 50 cents lower. Breaking Utility and Commercial Slaughter Cows 35.00-39.50, Cutter and Boning Utility 33.00-36.75, Canner and Low Cutter 26.00-33.50, Shells down to 21.50. Slaughter bullocks: A few Utility 30.00-35.25. Few Yield Grade No. 1 1055-1870 lbs. Slaughter Bulls, 38.00-40.00.

FEEDER CATTLE: Steers Medium Frame #1 780-1020 lbs. 42.00-47.00, Large Frame #2 Holstein 320-565 lbs. 25.00-36.00; Heifers Medium Frame #1 340-625 lbs. 34.00-42.00, Medium and Large Frame #2 300-620 lbs. 25.00-33.50; A Few Bulls Medium Frame #1 300-630 lbs. 34.50-42.50, Medium Frame #2 410-780 lbs. 28.00-33.50.

CALVES 116. One Choice 76.00; Few Good 55.00-60.00; Standard and Good 90-115 lbs. 42.00-50.00, 60-85 lbs. 32.00-44.00; Few Utility 60-90 lbs. 20.00.

FARM CALVES: Holstein bulls 90-120 lbs. 47.00-70.00, Couple 75.00-85.00.

HOGS 174. Barrows and Gilts mostly $1.00 higher. US No. 1-2 215-250 lbs. barrows and gilts 49.00-50.75, No. 1-3 200-260 lbs. 47.75-49.25, No. 1-3 one lot 177 lbs. at 40.00. Sows: $2.00-3.00 higher. US No. 1-3 285-615 lbs. sows 41.00-51.00, No. 2-3 335-625 lbs. 36.50-41.50, Medium 260-390 lbs. 30.00-37.50. Boars 27.00-34.00.

FEEDER PIGS 93. US No. 1-3 20-35 lbs. feeder pigs 10.00-20.00 per head, No. 1-3 one Lot 90 lbs. 36.50 per head, Utility 10-15 lbs. 5.00-6.00 per head, 60-85 lbs. 25.00-29.00.

SHEEP 26. One Prime Lamb 115 lbs. 58.50, One Lot Choice 83 lbs. 52.00, one Lot Good 77 lbs. 46.00. Few Slaughter ewes $4.00-13.00.

Omaha Weekly

Thursday, November 15
Report Supplied by USDA

Slaughter steers and heifers closed this week's trading period 1.50-2.00 higher, instances 2.50 higher on heifers when compared to last midweek sales. Good buyer demand, higher dressed beef and boxed beef prices were dominant factors for the upswing in live prices. Slaughter cows firm to 1.00 higher, advance coming late in the week following strengthening of dressed cow beef market. Slaughter bulls steady.

Estimated 5 day receipts this week 10,200, actual receipts last week 8,062, last year 14,943. Steers comprised 34 PCT of the week's receipts, heifers 31 PCT, cows 7 PCT, feeders 26 PCT.

SLAUGHTER STEERS. Closing sales two loads choice and prime 2-4 1225-1300 lbs. 67.75. Choice 2-4 1050-1300 lbs. 65.50-66.50. Mixed good and choice 2-3 1050-1150 lbs. 63.50-65.50. Good 60.00-63.00. Couple packages mostly choice 2-3 1300-1450 lb. holsteins 57.00-58.00.

SLAUGHTER STEERS. Closing sales two loads choice and prime 2-4 1025-1100 lbs. 66.00. Choice 2-4 950-1150 lbs. 64.00-65.50. Mixed good and choice 2-4 900-1050 lbs. 62.00-63.50. Good 58.50-62.00.

Average of LS-214 detailed quotations for choice 900-1100 lb. slaughter steers 64.40, 1100-1300 lbs. 66.25. Average cost steers this week 65.13, average weight 1148 lbs. As compared to week 63.08, average weight 1048 lbs. As compared to 61.02 and 1028 lbs. last week.

SLAUGHTER COWS. Few breaking utility 2-3 38.50. Cutter and Boning Utility 1-2 33.50-37.50, few high dressing to 39.25. Canner and low Cutter 31.00-34.00, few to 28.75.

SLAUGHTER BULLS. Few 1-2 1300-1900 lbs. 40.50-48.25.

Leesport Livestock Auction

Wednesday, November 14
Report supplied by Auction

CATTLE 290. Compared with last week's market, slaughter steers steady to strong. Slaughter cows steady to weak. Few Choice 1050-1200 lbs. slaughter steers 64.00-67, Good 60.00-64, Standard 55.00-60, Utility 45.00-52. Few Choice slaughter heifers 58.00-62, Good 52.00-58, Standard 42.00-52, Utility 38.00-43. Breaking Utility & Commercial slaughter cows 36.00-40, Cutter & Boning Utility 34.00-37, Canner & Low Cutter 32.00-34, Shells down to 22. Yield Grade No. 1 1000-1400 lbs. slaughter bulls 52.00-61.00, #2 43.00-51.

FEEDER CATTLE. Steers 38.00-62. Heifers 28.00-45. Bulls 35.00-58.

CALVES 147. Good vealers 70.00-82, Standard & Good 110-130 lbs. 55.00-65, 90-120 lbs. 40.00-55, 60-85 lbs. 35.00-48, Utility 35.00 and down.

FARM CALVES. Holstein Bulls 55.00-70; Heifers 40.00-62.

HOGS 329. US No. 1-2 2-250 lbs. barrows and gilts 51.50-52.50, No. 1-3 48.50-50.50, No. 2-3 250-280 lbs. 47.50-50, No. 1-3 165-200 lbs. 45.00-48. US No. 1-3 sows 35.00-45.

FEEDER PIGS 240. US No. 1-3 feeder pigs 60.00-100 per hundredweight, Utility 25.00-40 per hundredweight.

SHEEP 38. High Choice & Prime wooled slaughter lambs 48.00-75, Choice 55.00-60, Good 40.00-50, Utility 15.00-40. Slaughter ewes 8.00-20. GOATS 38. 12.00-45.00 per head.

Westminster Livestock Auction

Westminster, Pa.
Tuesday, Novermber 13
Report supplied by auction

SLAUGHTER COWS: Large run $1.50 lower. High Yield 38.00-39.00; Utility 34.00-37.00; Canners 29.00-32.00; Shelly 28.00 down. Bulls- Good Med. Weights 42.00-46.75; Good Light Weights 41.00-43.50. Fed Steers- Good demand! High Choice 64.75-67.75; Good-Choice 60.00-63.00; Good 55.00-60.00. Fed Heifers- Few offered. Few Choice 59.25; Med. to Good 44.00-54.00. Veal Calves- $2.00 lower. Good 50.00-60.00; Stocky/Thin 20.00 to 40.00; Killers 80-110 lb. 40.00-46.00; Weak/Rough 20.00 down. Farm Calves- Holstein Bulls 100-125 lb. 55.00-70.00; 90-100 lb. 48.00-60.00. Butcher Hogs- Light run. US 1&3 one lot 218 lb. 49.00; one lot 273 47.50; one lot 192 lb. 40.00. Sows- 500-750 lb. 43.00-46.00; 300-500 lb. 45.00; 2 at 51.50 & 56.00. Boars- 350-600 lb. 32.50-32.75.

STOCK CATTLE: 220 Head. Prices steady. Steers 400-950 lb. Good to Choice 54.00-60.00; Good 48.00-54.00; Medium 42.00-48.00; Holsteins 33.00-40.00. Heifers 300-800 lb. Good to Choice 42.00-46.00; Good 38.00-42.00; Medium 33.00-38.00. Bulls- 300-700 lb. Good-Choice 45.00-50.00; Good 40.00-45.00; Medium 35.00-40.00. Sheep- 14.00-16.00. Goats- Few offered. Mature 20.00-40.00; Kids 15.00-36.00. Pigs and Shoats- Light run 60 head. By the Head- 20-30 lb. 10.00-19.00; 35-45 lb. 22.00-38.00; 90-100 lb. 40.00-48.50. By the Lb.- Culls 75-155 lb. 34.00-45.00.

HAY: 3 Loads. Good Alfalfa 95.00 per ton; 2.60 per bale; Wheat Straw 1.25 per bale.

EVERGREEN TRACTOR CO., INC.

TRACTORS:

JD 4230 Quad, Roll Guard w/Enclosure (Sharp)	SOLD — $13,500
JD 4230, Quad, Fender	$12,500
JD 4020, Side Console	$9,500
JD 3020, Gas, New Overhaul	$7,350
JD 2840, Dual Remote	$14,900
JD 2440 1982 Tractor w/146 Loader	$14,900
JD 2630 Diesel Tractor, Hi-Lo 540-1000	$9,750
JD 2630, Dual Remote	$9,750
AC 5050 Diesel	$8,750
(1) White 2-105 w/Roll Guard	$15,900
(1) Farmall H	$950
IH 240 w/Fast Hitch and 2B Plow	$2,150
White 2-60 4WD w/Loader, 800 Hrs.	$13,500
Ford 8000	$6,950
Oliver Super 77 Dsl. Tractor	SOLD — $1,500

COMBINES & PICKERS:

(1) JD 6620LL Combine 800 hrs.	Price on Request
JD 3300 Dsl. w/cab, 343 C.H. & Rotary Screen	Price on Request
(1) IH 203 Combine, Gas w/10' Platform, P.U. Reel, 2 Row Cornhead, Cab	$3,950

TILLAGE:

JD 12' 3 pt. Chisel	$1,450
JD 350 5 Bottom Plow	$2,850
JD 210 Disc 11'x5"	$3,950
JD 1450 Plow 5x16	$1,950
(1) John Deere 12' RW	$875
Howard 100" 1000 PTO Rotovator	$3,450

HARVESTERS & FORAGE EQUIPMENT:

NH #36 Flail Chopper	$2,450
JD 5400 4 WD Harvester 3 Row 30" Row Crop & 7' Pickup	
NH 1880 Self Propelled Harvester, 3 Row Pickup, Dsl. Hydro, 600 Hrs.	$23,500
JD 38 Harvester, 2 Row Narrow w/Pickup	$2,350
(1) John Deere 34 w/One Row Row Crop	$1,550
(1) Grove Forage Wagon w/Roof & Gear	$1,850
(1) John Deere Three Row Row Crop Attachment, New Belts	$3,850

GRAIN DRYERS:

(2) New Farm Fans AB8 Auto-Batch Dryers. MUST MOVE. CALL FOR PRICE	(Dealer Inquiries Welcome)
(1) Used 350 BU. Myer Morton PTO Batch Dryer	$3,450

HAY MACHINES:

JD 480 Mower Conditions.	$1,450
Hesston PT10 9' Mower Conditioner	$1,850
NH #68 Baler	$450
JD 14T Baler	$750
NH #68 Baler	SOLD
NH 469 Haybine	$2,350
NH 479 Haybine	$3,250
NH 275 Baler w/Thrower, Hydraulic Aim	$2,950
NI #402 8½' Hay Rake	$1,250
JD 1214 12' Mower Conditioner	$3,950

MISCELLANEOUS:

IH 850 Grinder Mixer.	$1,450
JD 6 Row 30" Rear Cultivator	$1,250
6 Row Hyd. Fold Cultivator	$1,500
Bush Hog 11' Pull Type Rotary Cutter	$2,450
14.9x26 T-rail duals 20.8x34 direct axle, less rubber	
NH 679 tandem axle spreader, hyd. endgate	$4,500
JD 37 Hydraulic bucket ind valve	$1,150
JD 46A Hydraulic Loader hyd. bucket to fit 3010 thru 4020.	$850
(2) NI Tandem Axle Spreaders	
Better Bilt 1500 Gallon Tank Spreader w/ejectors	$4,450
Smoker 24' Elevator	SOLD

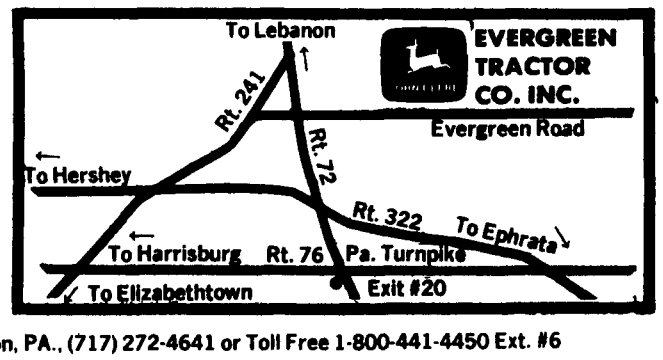
PLANTERS & GRAIN DRILLS:

JD 7000 8 R 30" Planter, Liq P O P Monitor, No-Till	
IH 400 4R Air Planter	$1,950
IH Grain Drill	$650
IH Grain Drill	$450
JD 494A Planter	$850
JD 290 Planter	
IH 13x7 Grain Drill	$450

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES

JD 1630 Disc 12' w/24" Blades, Dual Wheels, Demo Cash	$5,450
JD 225 Offset Disc, ¼ w/Blades, Cash	$4,450
(1) JD 2700 5-18" Plow with Cover Boards and Coulters, Cash Price	$8,600
(2) JD 415 Rotary Hoe, Cash Price	$2,295 Each

COMING IN:
NH #68 Baler
JD 336 Baler w/Ejector
Farmall H Tractor



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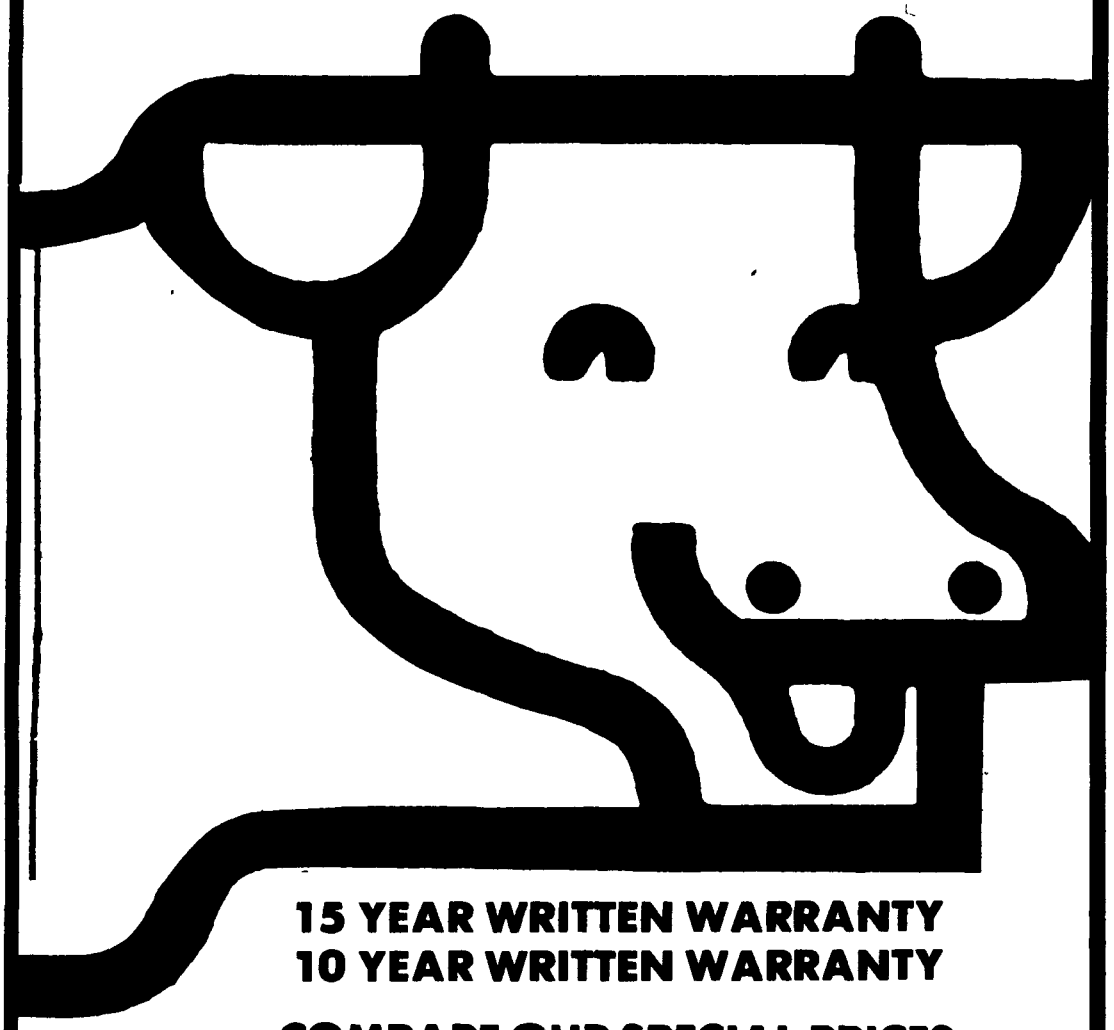

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Joliet Cattle Auction

Thursday, November 15
Report Supplied by USDA

CATTLE. Friday through Wednesday's salable receipts 2200; 5 days last week 1696; same period a year ago 2885. Slaughter steers ended the week 1.50 to mostly 2.00, instances 2.50 higher compared with Wednesday of last week. Slaughter heifers ended the week 2.00-5.00 higher.

SLAUGHTER STEERS. Choice and prime 3-4 few 5 1200-1350# 69.00-69.50 Monday; 69.50-70.00. Choice 2-4 1025-1350# 64.00-69.00. Mixed Good and choice 2-3 1000-1200# 63.00-64.50. Package mixed good and choice 2 1300# holsteins 57.00 Wednesday.

SLAUGHTER HEIFERS. Load choice and prime 3-4 1130# 66.00 Wednesday. Choice 2-4 950-1100# 63.00-65.00 Monday; 63.50-66.00 Wednesday. Mixed good and choice 2-3 850-1000# 60.00-63.50.

Chambersburg Livestock

Chambersburg, Pa.
Thursday, Nov. 15
Report supplied by PDA

CATTLE: 309. Compared with last week's market sl. cows steady to 1.50 higher, most advance on Utility & Commercial. Sl. steers: few Good 54.25-60.25, few Standard 38.25-52.50. Sl. cows: 36.50-39.85, Cutter & Boning Utility 33.50-36.85, Canner & low Cutter 30.00-33.85. Sl. bulls: few Yield Grade 1 1300-1640 lbs. 42.35-49.25, few Yield Grade 2 1265-1300 lbs. 38.50-40.00.

FEEDER CATTLE: Steers Medium Frame 1 350-950 lbs. 45.00-55.50, Large Frame 2 340-800 lbs. 36.00-43.00; Heifers few Medium 1 & Large 2 420-560 lbs. 35.00-39.00; Bulls few Medium 1 540-855 lbs. 42.50-45.75.

CALVES: 414. 1.00-3.00 lower. few Good vealers 52.50-66.00, few 110-115 lbs. 48.00-49.00, 85-105 lbs. 45.00-48.00, 70-85 lbs. 42.00-45.00; hol. bulls 90-120 lbs. 47.00-80.00, mostly 50.00-76.00, few heifers 100-110 lbs. 48.00-51.00.

HOGS: 93. US 1-2 210-250 lbs. 49.10-49.60; sows 1-3 340-600 lbs. 38.75-44.50.

FEEDER PIGS: 29. 20-30 lbs. 11.00-16.00, few 35-40 lbs. [illegible] 24.50.

SHEEP: 26. Choice 90-105 [illegible] 60.00-63.00, few sl. sheep 14.00-19.00.

Indiana Livestock

Homer City, Pa.
Thursday, Nov. 15
Report supplied by PDA

CATTLE: 311. Sl. steers 2.00-2.50 higher, sl. cows .50-1.00 higher. Sl. steers: Choice 61.00-65.25, Good 57.00-61.25, Standard 49.00-55.50. Sl. heifers: few Choice 50.75-62.00, Good 53.50-58.00, Standard 44.00-52.00. Sl. cows: Breaking Utility & Commercial 36.00-d40.50, Cutter & Boning Utility 33.50-36.75, Canner & low Cutter 27.00-34.00. Sl. bulls: Yield Grade 1 1050-1600 lbs. 41.00-45.00, few Yield Grade 2 900-1200 lbs. 38.00-42.00.

FEEDER CATTLE: Steers Medium Frame 1 380-550 lbs. 45.00-52.00; heifers Medium Frame 1 350-500 lbs. 36.00-44.00.

CALVES: 154. few Choice 67.00-71.00, few Good 60.00-65.00, 90-120 lbs. 46.00-54.00, 60-85 lbs. 35.00-46.00; hol. bulls 90-120 lbs. 50.00-70.00.

HOGS: 153. 1.00 higher. 1-2 210-250 lbs. 51.50-52.60, 1-3 200-255 lbs. 51.00-51.60; sows 1-3 300-550 lbs. 43.00-47.00, 2-3 350-600 lbs. 42.00-43.75.

FEEDER PIGS: 74. 20-35 lbs. 13.00-15.00 per head, 40-55 lbs. 25.00-30.00.

SHEEP: 74. Choice 60-95 lbs. 52.75-57.00, few Good at 50.00.

New Holland Horse

New Holland Sales Stables
Monday, November 12
Report supplied by auction

Report receipts of 293 head of horses, mules and ponies. Market: lower.

LOCAL:

Better horses 275.00-400.00, few 550.00-700.00.

Driving horses 200.00-900.00.

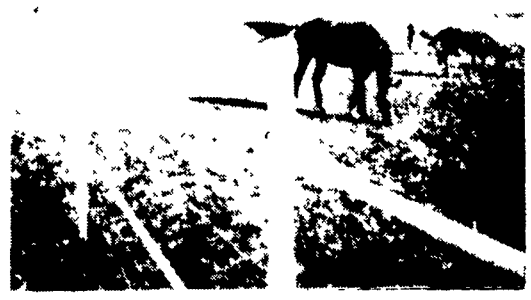
Riding horses 175.00-225.00.

Lightweight killers 145.00-200.00, Heavyweight killers 250.00-300.00.

Mare ponies 50.00-90.00; Colts 15.00-25.00; Gelding ponies 50.00-90.00.

Larger ponies 110.00-150.00.

Eliminate [redacted]
Fencing Problems
WITH



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York Farm Credit opens branch

STEWARTSTOWN — The York Farm Credit Service has opened a new branch office, located just north of Stewartstown, on Rt. 24.

Official ribbon-cutting ceremonies were held on Friday, Nov. 9, with Production Credit Association director George Wolf, and York Federal Land Bank president Leroy Bupp severing the symbolic tie to open the doors of the new office.

James K. Sigler is manager of the branch office, which will serve farmers and agri-businesses from Red Lion south to the Mason-Dixon Line and west, and from Glen Rock to Delta.

"The Farm Credit Service provides services to about 350 accounts in the southern part of the county," says Sigler. "Services will now be more convenient and accessible."

According to Sigler, the Farm Credit Service is now offering a business, estate and tax program to help farmers with income tax, retirement, business organization, estate and life insurance planning.

Farmland Preservation

PA DAIRY PROMOTION PROGRAM
PENNSYLVANIA DAIRY

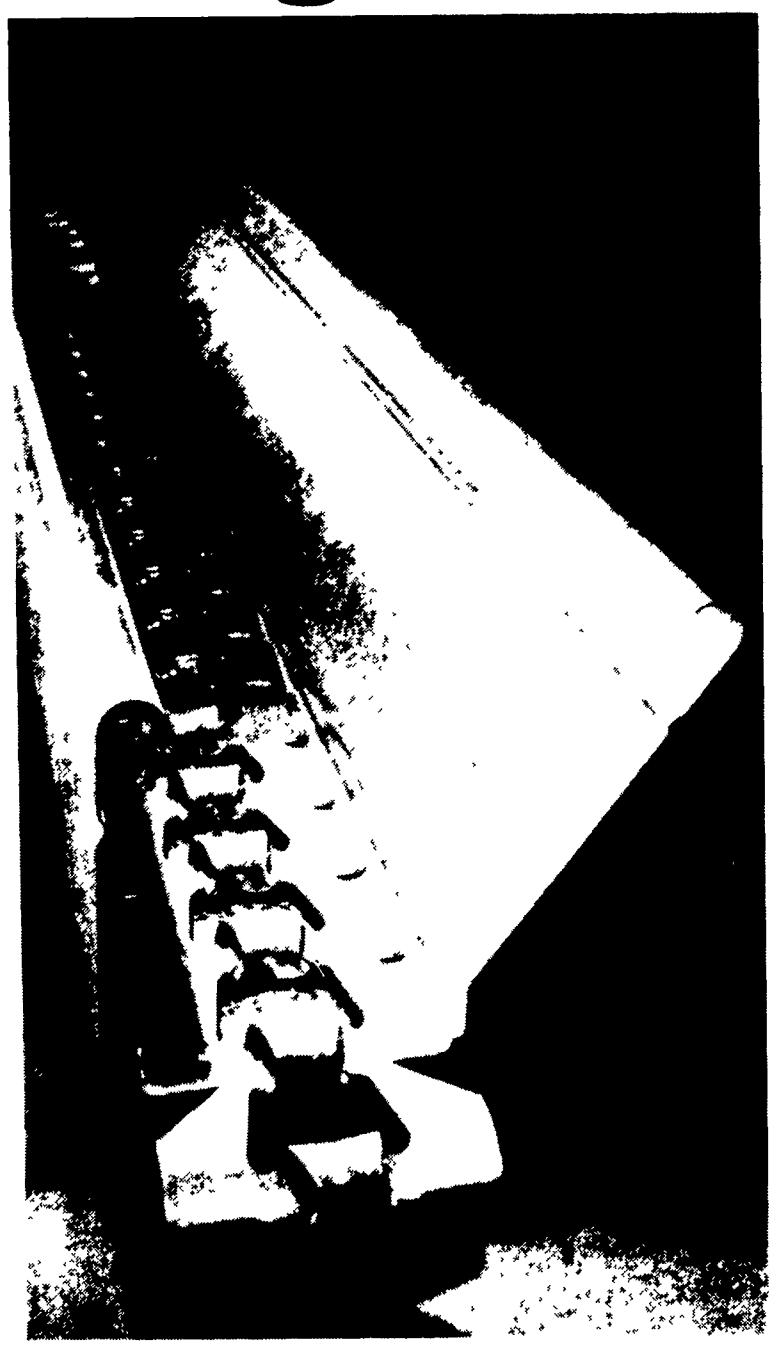
Thanksgiving

We Gather Together
In Thankful Spirit . . .

To meet with family and friends to express our thankfulness for the many good things of life these happy customs began with the first Thanksgiving Day And may they long continue! At this season, it's our favorite custom to extend our thanks and best wishes to our friends and customers To all of you, a happy, hearty Thanksgiving!

WOLGEMUTH BROS., INC.
Mount Joy, Pa.

A Cage isn't enough



It takes more than wire to make a cage system. More than anything else it takes a feeder.

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Lancaster Co. plans Farm-City tour this weekend

LANCASTER — Several Lancaster County farms and agricultural businesses will open their doors to the public this weekend to kick-off the county's Farm-City Week celebration.

Farms and businesses on the tour will be open for visitors from 1 to 5 p.m. today and Sunday.

Included on the tour are Stoltzfus Meats in Intercourse, a butcher shop and retail store; Cherry Hill Orchard in New Danville, the orchard's retail store; and Atlantic Breeders Cooperative on McGovernville Road.

Also included on the tour are the Guy Eshleman farm, a potato farm near Mountville; Em-tram, an embryo transfer facility located just outside of Rheems; and the Lester Hawthorne dairy farm along Bossler Road in Elizabethtown.

Jacob Fisher's goat dairy in Manheim and John Farrington's horse training and breeding farm in Brickerville just west of the intersection of Routes 501 and 322 will also be open to the public.

Brochures containing complete directions to the farms are available at the Lancaster County Extension office and at each location on the tour.

No-till conference outlined

YORK—The 11th annual Mid-Atlantic No-till Conference will be held Dec. 19 at the York County (Pennsylvania) Fairgrounds. The theme of the six-state conference will be "Solving No-till Crop Production Problems." Doors to the exhibit area in Memorial Hall will open at 8 a.m.

The program will start at 9:30 a.m. in Old Main. It will include sessions on: farmers and the Chesapeake Bay; potential disease problems in no-till corn and alfalfa; different no-till systems that work; cover crops for no-till; effects of no-till and other tillage systems on yield and soil (including the problem of compaction); perennial weed control in no-till corn; and starter fertilizers for no-till corn. The afternoon session will follow a "quiz the experts" format that permits farmers to ask questions of program participants.

Lunch tickets, sold only in advance, are available at county extension offices in participating states. The conference is being sponsored by the Cooperative Extension services of Delaware, Maryland, New Jersey, Pennsylvania, Virginia and West Virginia, and by related agricultural business farms.

The York County Fairgrounds are located on Pennsylvania Rt. 74 just south of the U.S. Route 30 bypass. For further information on the conference, in Delaware call the county extension office in Newark (451-2506), Dover (736-1448) or Georgetown (856-5250).

Counties get credit

CHICAGO — Secretary of Agriculture John R. Block recently announced $386 million in blended credit programs for Morocco and Egypt to purchase nearly 2.5 million metric tons of U.S. wheat in fiscal 1985.

About 1.6 million metric tons of wheat will be purchased under the $250 million blended credit package for Morocco. The package consists of $200 million under the Export Guarantee Program (GSM-102) combined with $50 million in interest-free government credits under the Export Credit Sales Program (GSM-5).

The $136 million package for Egypt will be used to purchase about 850,000 metric tons of wheat. The package consists of $108.8 million under the Export Guarantee Program combined with $27.2 million in interest-free government credits under the Export Credit Sales Program.

"During the past three years, we have effectively focused the blended credit programs on areas where the European Community subsidies have hampered our ability to sell competitively," Block said. "Both Morocco and Egypt are important markets for U.S. wheat. These new allocations are good examples of how the effective use of credit can make a big difference in exports of U.S. agricultural products."

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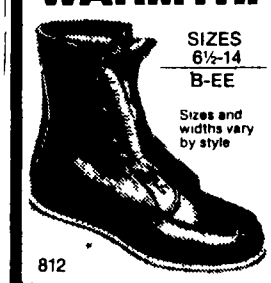

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Pa. Juniors shine in All-American Jersey Show

LOUISVILLE, Ky. — "Super....Great....The best ever"....These were only few of the words used to describe the winnings of the Pennsylvania junior Jersey exhibitors.

The Pennsylvania delegation claimed two national achievement awards, a national scholarship, a top showmanship placing, and had eight of the 14 head exhibited place in the top ten of their class. All of this was accomplished in the biggest All-American Junior Jersey Show ever.

During the All-American Junior Banquet and Fun Fest, national awards were presented. Placing ninth in the 1983 National Jersey Youth Achievement Contest was Patricia Dreisbach of Hamburg. Patty was the 1983 Jersey Jug Queen and has been very active in many aspects of the dairy industry.

Michelle Lusk of Charleroi took home the eleventh place honor in the 1983 National Jersey Youth Production Contest. Michelle's cow, Superbs Roasted Peanut produced 19,704 lbs. of 4 percent Fat Corrected Milk to win this award. Peanut has won other production awards in Pennsylvania competition.

The third national honor to come to a Pennsylvania youth was the V.L. Peterson Memorial Scholarship of $750. James Clark of Enon Valley won this honor.

Winning top awards in national Jersey competition were these Pennsylvania youth: Doug Martin, top producing four-year-old of junior show; Michelle Lusk, 11th place in National Youth Production Contest; Tom Arrowsmith, high pedigree index intermediate calf; Patty Dreisbach, ninth place in National Youth Achievement Contest.

The Pennsylvania Junior Jersey exhibitors had their best year ever at the 1984 NAILE. The delegation included: (front) Michelle Luck, Denise Martin, Tom Arrowsmith, Jennifer Shertzer with the third place senior yearling, Joyce Harpster with her third place junior calf and Dale Smith. (Back left) Crystal Miller, Aimee Wales, and (back right) Doug Martin, James Hardy and Mark Deaven.

Clark is an agricultural business management major at Pennsylvania State University, where he is a College of Agriculture Student Senator to the University Faculty Senate. Clark was involved in the founding of the Penn. Junior Jersey Cattle Club.

In the show ring two third-place honors were claimed. Jere Shertzer of Lancaster won third in senior yearling competition. Pine Mountain Chocolate Ashley was bred by Florence and Dave Robinson of Franklin county. Jere purchased this heifer as a calf in the 1983 Penn Calf Sale.

The other third place award was claimed by Joyce Harpster's junior calf. EDN RU Samsons Theda Thelma was bred by the Harpster family of Boalsburg. She had previously been named reserve junior champion in the District FFA Show.

Tina Martin of Chambersburg was the owner of the fifth place four-year-old. Sired by Foresters Promoter, this cow won the top production award for the four-year-old class.

The sixth place senior two-year-old was shown by James Hardy of Petersburg. This young cow is a home-bred daughter of Bettydon Quicksilver Dreamer.

Tom Arrowsmith of Peach Bottom claimed eighth place and highest pedigree index honors with his Top Brass intermediate calf.

Three ninth place awards completed the list of those placing in the top ten. Mark Supancik of Uniondale showed the ninth place junior calf, Doug Martin of Chambersburg showed the ninth place summer yearling, and Denise Martin of Chambersburg had the ninth place aged cow.

In addition, the Pennsylvania herd placed sixth out of 17 herds, by far the best Pa. placing ever.

At the conclusion of the junior show the top 10 showmen in both junior and senior divisions were selected. Pennsylvania's Crystal Miller of Cambridge Springs was one of the top 10 junior exhibitors that returned to the showring for the championship competition. Crystal is ten years old and was showing in the All American for the first time.

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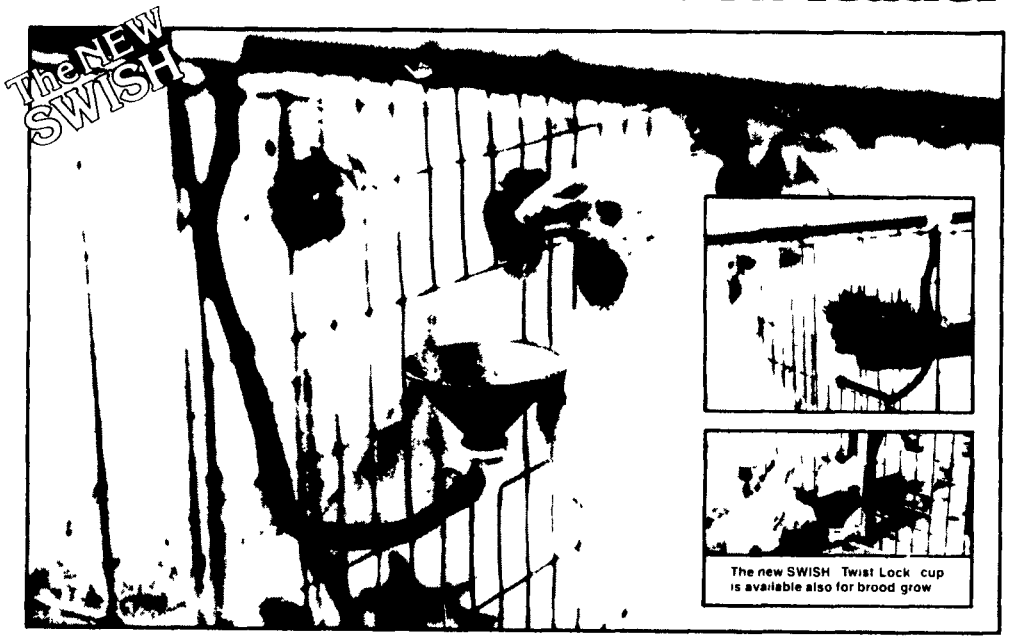

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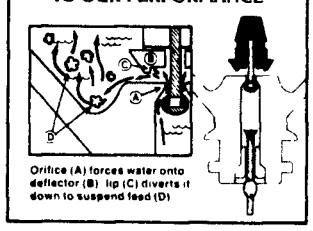

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Cumberland cites top DHIA members

Norman Hertzler and Nevin Shughart were recognized as having Cumberland County high production herds at the Cumberland County Dairy Herd Improvement Association annual meeting. Norman Hertzler, second from Right, 270 Stoner Road, Mechanicsburg, whose 35 Registered and Grade Holstein cows produced and averaged 20,292 lbs. of milk and 661 lbs. of protein, received high herd in milk and protein honors. Nevin Shughart, Second from Left, 1012 Baish Road, Mechanicsburg, received recognition for high herd in butterfat production. His herd of 30 Registered and Grade Holsteins produced an average of 722 lbs. of butterfat. Shown with Norman and Nevin is Samuel Shenk, President6 of the Cumberland County DHIA and Vonda Wickard, Cumberland County Dairy Princess.

Marlin E. Miller & Sons, M. Thomas Sheaffer and Norman Hertzler were recognized for having Individual high cows records at the Cumberland County DHIA Banquet. Michael Miller, Second from Right R3, Carlisle, received the high cow in milk production award for cow #60 who produced 30,587 lbs. in milk this year. M. Thomas Sheaffer, center, R5, Carlisle, received the high cow in butterfat production award. Tom's Huntsdale Ginger Astronaut, produced 1024 lbs. of butterfat at age five. Norman Hertzler, Second from Left, 270 Stoner Road, Mechanicsburg, received the high cow in Protein Production Award. Norman's Moo-Echo Ivanhoe Star Silver record of 919 lbs. of protein was high for the county. Samuel Shenk, President of the Cumberland County DHIA and Vonda Wickard, Cumberland County Dairy Princess are shown with the award winners.

The Cumberland County DHIA Greatest Increase in Production Award went to Glenn W. Myers, R1, Box 53, Newburg. William Myers is shown receiving the award plaque from Cumberland County Dairy Princess Vonda Wickard as DHIA President Samuel Shenk looks on.

Bee study increased

WASHINGTON, D.C. — U.S. Department of Agriculture scientists stepped up research in southern Texas on ways to eradicate, control or limit the spread of a parasitic mite dangerous to honey bees, a USDA research official said today.

Terry B. Kinney, Jr., Agricultural Research Service administrator, said bee specialist William T. Wilson began a four-month assignment at Weslaco, Tex., near the area in the Rio Grande Valley where the mites, Carapis woodi, were first discovered in July. Inspectors for USDA's Animal and Plant Health Inspection Service found the mites in a bee colony near the Mexican border.

Wilson, lead scientist at the agency's U.S. Honey Bee Research Laboratory in Laramie, Wyo., will determine research strategies to use against the mite.

At the same time, Kinney said, in cooperation with the research agency's Bioenvironmental Bee Laboratory at Beltsville, Md., bee scientist Alfred Dietz of the University of Georgia will seek to develop treatments for queens and packaged bees to ensure they are free of the parasite.

In surveys after the July discovery, USDA inspectors found the mites at five other Texas locations and at bee apiaries in Nebraska, South Dakota, New York, Florida and Louisiana. State agencies and USDA's animal and plant inspection service placed quarantines on the movement of bees from those sites

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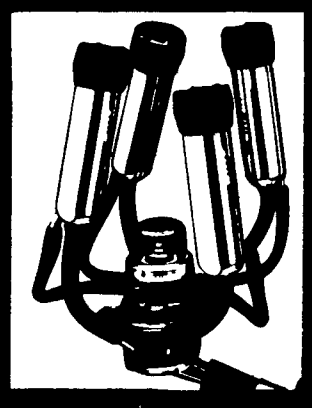

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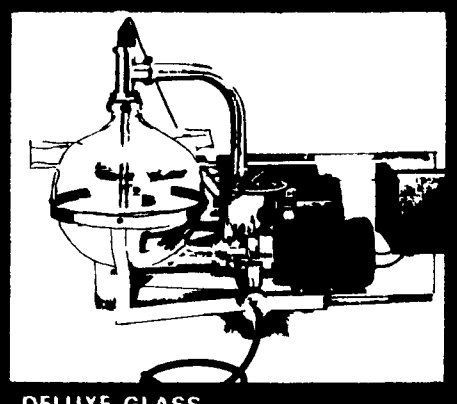

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Rothrock Golden Opportunities S

BY WENDY WEHR

KEMPTON — The "best of the breed" were offered, and Holstein breeders and investors didn't pass up the "golden opportunity." The sale average surpassed $20,000 at the conclusion of the Rothrock Golden Opportunities Sale, held at the Rothrock Golden Holstein Farms, Kempton, Saturday, Nov. 10.

Of the 70 choice Holsteins offered to investors from around the world, all sold for at least four-figure prices, and the most valuable consignment brought six-figure money.

The bidding began with the Valiant son of Northcroft Ella Elevation, the All-American, All-Canadian, 3E-97 cow, whose national fame is undisputed. Woodbine Farm, Airville, and Romandale Farms, Unionville, Ontario, consigned this treasure to the Rothrock classic.

And the auctioneer's gavel came down with a final bid of $300,000 for Ella's son, the 11-month-old Woodbine-K Valiant Eddie-ET. The Golden Opportunities Syndicate, Sun Prairie, Wisc. made the historic purchase.

The Bova son of Long-Haven Wayne Stephanie, the only other male to be offered to the bidders on Saturday, brought the second highest price of the sale. The well-known Stephanie cow, with a +2325 index, has an outstanding 51,765 pound milk record with over 2000 pounds fat. G. Carlos and Doug Long, of Clayton, Mich., consigned Stephanie's son.

A Japanese syndicate, Hokkaido Livestock Import Association, Sapporo, Japan, laid $75,000 on the table to take the Stephanie son, Long-Haven Super Steffin-ET, across the Pacific.

The high selling female of the day was Pretz Golden Bambi-ET, daughter of a Mars-Tony and Bambi cow match-up. George W. Pretz, Osawatomie, Kan., offered the two-month-old heifer calf, and Rothrock Golden Holstein Farms bid $65,000 to keep her in Kempton.

The auctioneer's gavel dropped at $300,000 for Ella's son, Woodbine-K Valiant Eddie-ET. This was the top bid at the Rothrock Golden Opportunities Sale, held Saturday, Nov. 10, at the Rothrock Farms, Kempton.

Top-selling female at the Rothrock national consignment sale w a Bambi Pretz Golden Bambi-ET. Rothrock Golden Holstein Farms paid $6,000 to Kempton. Pictured are, from left, Jack Miller, Rothrock manag; Bruce holding a picture of the dam; Jay Howes, of Backus Associates; orothy M tender; George W. and George C. Pretz, consigners; and Horace Backus. In Les Hosking, Mike Weimer, and Charles Backus.

The outstanding qualities of the 3E, 96-Gold Medal Bambi cow are known to breed through to her daughters. Two maternal sisters of the ET that was purchased by Rothrock on Saturday are ranked 22 and 58 on the Super Cow list.

Two other females went for more than $50,000 during the sale. Poverty-Hollow Margaret-ET, Rothrock Farms' top consignment to the sale, sold for $59,000 with a guarantee of six transferable eggs from a Mars-Tony service.

The 2E-91 Margaret had a 29,970 pound milk record at four years and eight months of age. Her impressive pedigree includes a 2E-95 maternal sister, a 2E-92 Gold Medal dam, and a 2E-94 Gold Medal granddam.

And a Pen-Col consignment brought $51,000 from the Deena Decoration Syndicate, Frankfort, Ky. The 19-month-old Pen-Col Jetson Decoration-ET, the Jetson daughter of Pen-Col Wayne Deena, sold with two Valiant pregnancies. Her maternal pedigree boasts three pounds

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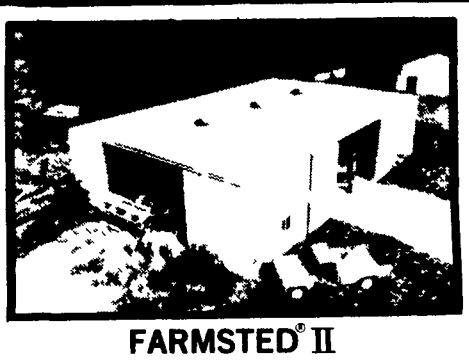

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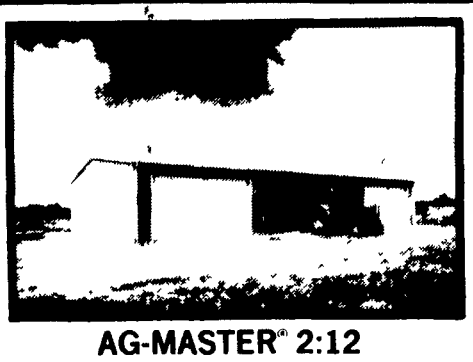

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The impressive Poverty-Hollow Margaret-ET brought $59,000 as the second high- selling female of the Rothrock Golden Opportunities Sale.

This Bova son of the famous Stephanie cow was purchased by a Japanese syndicate for $75,000.

With an unofficial sale average of $22,045, every consignment was obviously a valuable member of the Holstein breed. Jack Miller, manager of Rothrock Golden Holsteins, was pleased that the animals "held-up" through the end of the sale to bring a sale average of over $20,000.

In introductions at the beginning of the sale, Jay Howes of Backus Associates, commended Miller for taking the lead with the history-making sale and for his close involvement with the selections.

Total receipts for the first bi-annual Rothrock Golden Opportunities Sale were $1,456,000.

"We brought together the most interesting and desirable animals in the country," announced Bruce Rothrock prior to the national consignment sale. And no doubt the bidders and onlookers would agree that the Rothrock Golden Opportunities Sale was a Holstein history-making venture.

2 Bradford Holstein veterans honored

BY JANE BRESEE
Staff Correspondent

WYSOX—Two Bradford County farmers, Russell Jones, and George Page Jr. were honored for Outstanding and Dedicated service to the Bradford County Holstein Club and to the Pennsylvania Holstein Association at the annual Bradford County Holstein Club annual meeting held Nov. 7 at the Wysox Fire Hall. John Macafee Northeast district director to the state association, presented the honorary plaques.

Russell Jones, of Warren Center, served as a state executive committee member from November of 1969 to 1973, and as president of the state association from 1975 to 1978, He was also chairman of the state convention held in the Poconos in 1982. He served as a local director for many years and held the offices of president and vice-president. Held in high esteem by his fellow Holstein breeders, he is always asked to say grace at dinner meetings.

George Page, Jr., of Columbia Cross Roads, R.D., served as a local director from 1973 to 1984 and also as a member of the state executive committee. He has been active as sales representative for the state association and selected cows for the export market.

Bryan Farley, president of the Junior Holstein Club, announced that the Bradford County winners of the Milk and Fat Production State contest are Terry Packard, first, in the 3 and 4-year-old category, and William Davis who scored second and third in the three other age categories. These winners will go on to compete at state level.

Robert Whipple, president of the Bradford County Club, conducted the meeting and introduced the Bradford County Dairy Princess, Wendy Lamont, who gave a brief report of her activities.

Elected for a two-year term were Wayne Lamont, Ray Norconk, and Robert Whipple. Other directors are Bill Brown, Lynn Miller, Ben Jackson, Duane Wilcox, Archie Williams, and Jim Howard.

Orville Yoder, retired Bradford

(Turn to Page A24)

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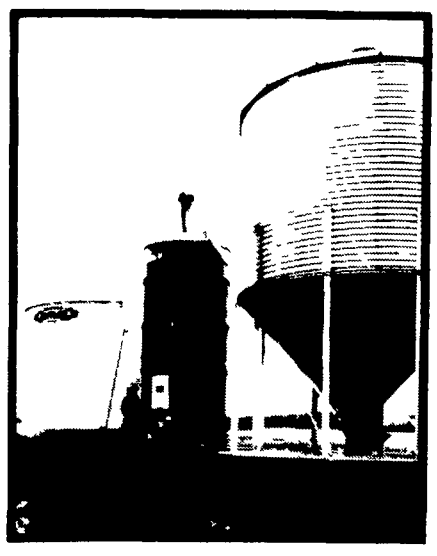

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National FFA convention highlights

(Continued from Page A1)

DeLong, 16th; and Esbenshade, 20th.

Nearby Eastern state teams didn't do badly either with Maryland fourth, Connecticut fifth, New Jersey seventh, New York 12th and Vermont 14th.

A second dairy competition in which Commonwealth FFA'ers did well was the Milk Quality and Dairy Foods contest. The team of Ron Zimmerman, Kutztown; Mike Hershey, Pequea Valley; and Daniel Groff, Cedar Crest; placed 19th out of 30 teams.

In other national contests, these are the Pennsylvania placings:

Floriculture – Seventh out of 38 teams; Steven Cox, Shirl Lehman and Cindy Craley.

Ag Mechanics – 27th out of 43 teams; Ken Shertzer, Bruce Tuckey and Tim Owens.

Dairy Cattle Showmanship – Gerald Davidson, silver.

Farm Business Management – 20th out of 39 teams; Jeff Martin, Nevin Horning and Jon Merkle.

Livestock Judging – 34th out of 46 teams; Nancy McCauley, Wendy Flinchbaugh and Keith Harbold.

Livestock Showmanship – Scott Charles, gold; Rod Witmer, gold.

Meats Judging – 29th out of 37 teams; Rodney Nissley, Crystal Kreider and Trasee Aument.

Nursery-Landscape – 22nd out of 39 teams; Trudi Zook, Sandy Rice and Lisa McMullen.

Poultry – 28th out of 35 teams; Roger Weaver, Doug Ressler and Toni Kerrin.

In the Stars Over America competition, the national "Stars" went to Larry O. Nielsen, 21, diversified crops and livestock, Tulare, S.D., in production ag; and to Rex Wichert, 20, farmer and custom hay baler, Fairview, Okla. in agribusiness.

Both Eastern Regional Stars in the competition were from Pennsylvamnia – John B. Kline, of ELCO Chapter, Lebanon County, in production ag; and Mark Andersen, East Berlin, Adams County, in agribusiness.

Pennsylvania's two competitors in National Proficiency were Jamie Frey, Quarryville, in Nursery Operations; and Shawn Walter, Mifflinburg, in Ag Mechanics.

National officers elections included:

Steve Meredith, 19, Glendale, Ky., president.

Mike Gayaldo, 20, Kelseyville, Cal., secretary;

Graham Boyd, 19, Pinetown, N.C., Eastern vice president.

Brad Bass, 20, Winnsboro, Tex., Western Vice President.

Mike Barrett, 19, Mead, Neb., Central Vice President.

Nanci Mason, 20, Collins, Miss., Southern Vice President.

Pennsylvania did not have any candidates for national office.

Pictured on this page are some of the national contest participants from Pennsylvania, FFA'ers receiving their American Degrees and other convention participants.

Meats judging competitors from Manor Chapter include, from the left, Rodney Nissley; Crystal Kreider and Trasee Aument.

Pa. FFA'ers get American Degrees at national convention

David C. Glick, left, Lewistown, with Bill Caraway.

Jere Wingert, left, St. Thomas, with Bill Caraway, National Secretary.

Dean Patches, left, of the Northern Lebanon FFA Chapter.

Joel Waybright, left, Gettysburg, with Bill Caraway.

Mark Anderson, left, East Berlin, with Ron Wineinger, National President.

Barbara L. Herr, Narvon, with Bill Caraway, National FFA Secretary.

Gerald Garber, Willow Street, with Bill Caraway.

John W. Marsteller, Jr., left, Stewartstown, with Caraway.

(Turn to Page A24)

Dairy Foods judging competitors, pictured earlier this year when they won in state competition, are, from the left, Ron Zimmerman, Kutztown; Mike Hershey, Pequea Valley; and Daniel Groff, Cedar Crest.

BOAC award to Grassland

The Grassland FFA Chapter in Eastern Lancaster County receives national recognition in community development efforts as part of the National BOAC (Beautify Our American Communities) program. Pictured, from the left at national convention, are Charles Shuman, Administrator, FmHA, USDA; Edward Dudley, of Kentucky Fried Chicken Corp., subsidiary of R.J. Reynolds, Inc., sponsor; Roger Weaver, chapter BOAC chairman; and Clifford Day, advisor.

Ag mechanics competitor

Shawn Walter, 17, of Mifflinburg FFA Chapter, is congratulated by Kim Havens, of National FFA Foundation representing sponsor International Harvester Company, for honor as Ag Mechanics Proficiency Award finalist from Eastern Region. Walter is the son of Mr. and Mrs. Robert Walter.

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Poultry vet joins Penn State

UNIVERSITY PARK — By linking veterinarians with corporations that need veterinarian expertise, Pierre Y. Brunet hopes to encourage financial contribution for Penn State.

"The university wants moral and financial support," Brunet says. "By going out there and showing people that veterinarians are there to help, the university is apt to get more money for projects."

Brunet has been named associate professor with Penn State's veterinary science extension section, effective Nov. 1. Before his appointment, he was manager of technical services and field research at Ceva Laboratories in Salisbury, Md.

Brunet served as poultry technical service veterinarian in Europe, Greece and Portugal from 1974 to 1977, and with Allied Mills In Illinois between 1977 and 1980. He was field veterinarian and poultry epidemiologist for Maine's Department of Agriculture between 1962 and 1974.

In other parts of the country, unlike Pennsylvania, poultry production facilities are integrated. Corporations then tell their producters "what they want," Brunet says.

But in Pennsylvania, for example 80 percent of table egg producers are independent.

"The best thing we can do is organize," Brunet says, "That's been a Penn State Extension strong point for many years."

Part of his reorganization plan is a "security program" with the state Department of Agriculture's veterinary section. The plan would attempt to prevent another avian influenza outbreak, a disease that forced the extermination of 16 million chickens last year.

"For one thing, I want to tell producers to lock their doors and keep people off their farms," Brunet says. "After the way some farmers were hurt by avian influenza, they'll be very receptive to this idea."

Brunet believes a communications link between state officials could prohibit a national disease spread.

"We want to prevent disease from entering Pennsylvania, so we must work with other states," he says. "We might schedule regional meetings so we can syncronize our watches against the spreading of disease."

A communication network would especially help Pennsylvania Brunet says, because "bird traffic in the state is tremendous."

"Pennsylvania has the largest population of bird fanciers," he says. "Many out-of-state people who raise poultry as a hobby buy these game birds. Disease could spread all over the country."

By keeping Pennsylvania poultry producers abreast of this kind of veterinary support, Brunet hopes state producers will in turn support the university.

"If someone spots a problem and calls us, and through teamwork we solve his problem, he'll help when the university passes the hat later," he says.

Northern Farms discusses merger with Eastern

A merger with Eastern Milk Producers Cooperative Association, Inc., was the main topic for discussion at the 46th Annual Meeting of Northern Farms Cooperative, Inc., held November 1 in Waterbury, Vt. The 228-member dairy cooperative has been affiliated with Eastern since April 1963.

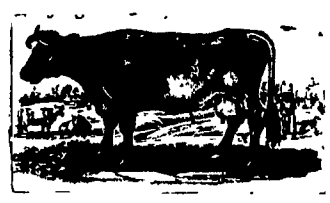
The meeting was attended by approximately 85 delegates and guests, including a delegation from Eastern led by President Earl R. Forwood. Also attending from Eastern were General Manager, Michael Donovan and Cooperative Relations Manager, Anthony Schlesier.

The merger recommendation was delivered to the Board of Directors by Executive Secretary, Maurice Castagner. According to Castagner, after extensive study of the best avenue situation in the region, a merger with Eastern seems to be the best avenue for Northern Farms. He explained that the cooperative is currently down to three handlers. "Without the strength of Eastern Milk Producers to quarantee markets and milk checks, the future of Northern Farms is very uncertain," Castagner stated.

Following the merger recommendation, a dairy promotion update was delivered by Earl Forwood, a member of the 36-man National Dairy Research and Promotion Board. Michael Donovan then presented an overview of the past association between Eastern Milk Producers and Northern Farms Cooperative, along with proposed changes in the future.

Two distinguished guests spoke during the afternoon session. Dr. Fred Webster, head of the Agricultural and Resource Economics Department at the University of Vermont-Burlington, addressed the topic of milk market activities. Jerome Kelly, director of Agriculture Development for the state of Vermont, spoke about recent activities in his department.

Immediately following the close of the sessions, Northern Farms held their yearly reorganization meeting. New officers were elected to the positions of President, Vice President and Secretary. Timothy Bryant of Pawlet, Vt., is the newly elected President, with Arthur Palmer of North Thetford, Vt., as his Vice President and Robert Ammel of Windsor, Vt., as Secretary. George Sibley of East Montpelier, Vt., was re-elected as Treasurer of the Cooperative.



Bradford veterans

(Continued from Page A21)

County Extension agent, presented the evening program using slide pictures to illustrate his trip to Europe in July. He and his wife, Irene, were leaders of a scenic and farm tour of five countries. Forty people participated, 32 of them from Bradford County.

Yoder, particularly pleased to greet the crowd of over 100 of his Holstein club friends, said that he is enjoying his retirement and they plan to travel to Arizona for the winter to visit their daughter.

FFA

(Continued from Page A22)

John B. Kline, left, Myerstown, with Wineinger.

Barry L. Geib, left, Manheim, with Caraway.

Jay D. Garber, left, Elizabethtown, with Caraway.

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Crawford Ext. holds banquet

Crawford County Extension staff includes, from left, Joseph Beard, county agent; Linda Widdowson, secretary; Anne Hotchkiss, office manager; Susan Tau, secretary (back); Carolyn Gilles, nutrition aid supervisor-Erie and Crawford counties; Ruth Prest, home economist; and Blaine Schlosser, county extension director. Not pictured is county agent Ray Kennerknecht.

CONNEAUT LAKE — The Crawford County Extension Banquet and annual meeting was the place to be Nov. 8, at the Conneaut Lake Stable Pit and Pub.

Dr. Kenneth A. Markley, featured speaker for the evening gave those attending food for thought with pointers on "how to continue to grow up," which he feels is one of the most important things in life. The well-known psychologist and author humorously illustrated six "Marks of Maturity." He stressed that people must learn to be realistic, exercise patience, cooperate with others, make decisions, not expect perfection and to reach out to others. These each reflect true maturity. "Maturity is not old age," he emphasized.

Markley, who lives in Camp Hill, Pa. brought smiles to everyone's faces when he illustrated just how unrealistic Americans are:" The bestsellers in America today are cookbooks, and diet books. Everyone wants to eat more and weigh less!"

Dr. Homer Mazer, NW Pa. Assistant Director of Extension, thanked those in the county for their help in making the ag arena at Penn State a reality and for the funds to computerize county extension offices. "There soon will be two computers in each extension office in Pennsylvania," he said. Most importantly he commended the Crawford County Extensions' dedicated individuals for their "top quality program,"

John Tautin, president of the Extension Executive Committee, conducted other business including nominations and elections of new executive committee members.

Betty Lou Miller, NW Pa. Lamb and Wool Queen drew the winning tickets for the door prizes.

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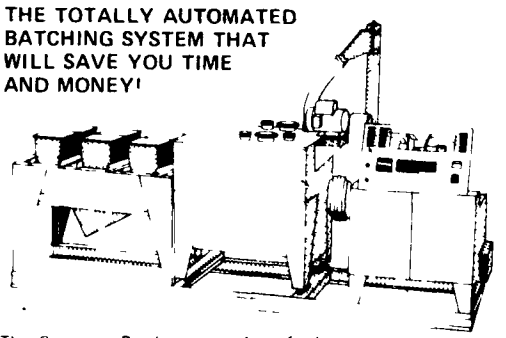

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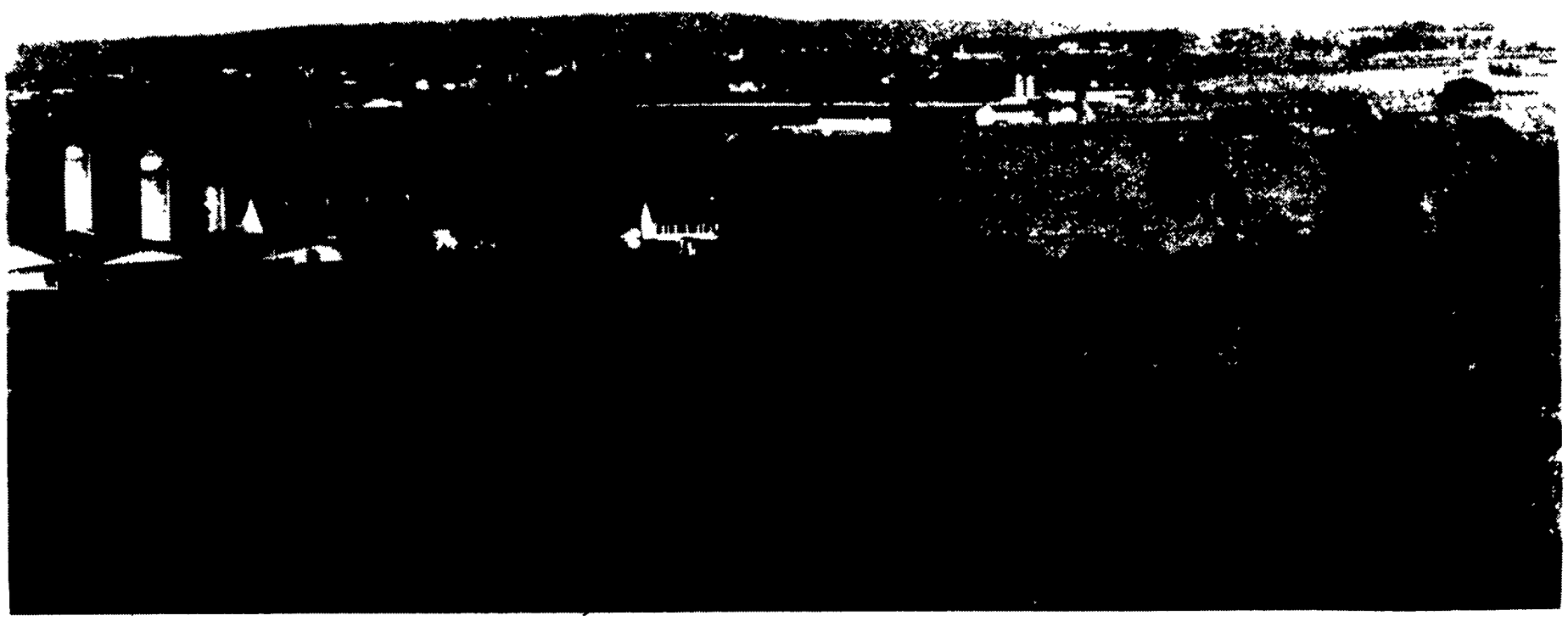

Ag dean assistant named

UNIVERSITY PARK — Keith Stevens has been named assistant to the dean for development and alumni relations in the College of Agriculture at Penn State.

"We have needed to strengthen our contact with alumni," said College of Agriculture Dean Samuel H. Smith in announcing the appointment. "We have 19,000 alumni, most of whom live in Pennsylvania and are highly interested in what we in the College are doing and planning to do. This appointment should be a clear sign that we recognize the important role that alumni have to play in the future of our College."

In his new position Stevens will be executive secretary for the College's alumni society and will coordinate activities between the society and the College. He will also be liaison with the University's Office of Development, helping plan and implement fund raising strategies and campaigns. He will be working closely with administrators in the College determining needs and priorities for private support.

Stevens has been executive producer for television in the College's department of Agricultural Communications since 1978. His responsibilities included planning, producing and hosting television features.

Prior to joining the College of Agriculture staff, he worked as a portrait and commercial photographer and has held positions as news director for radio stations in State College and Cumberland, Maryland, and as news reporter for an Altoona radio and television station.

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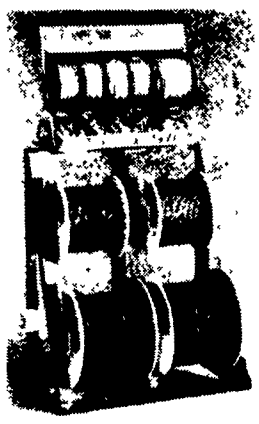

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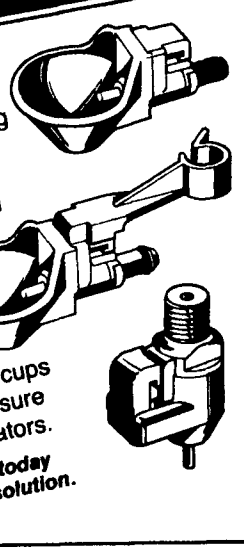

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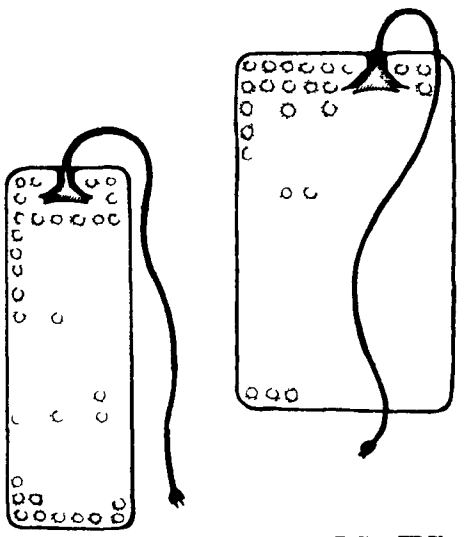

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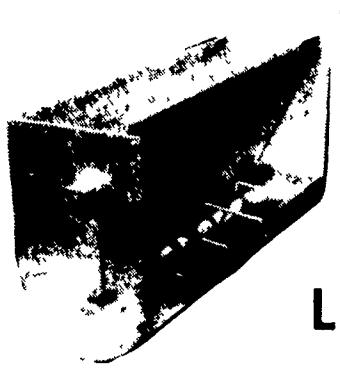

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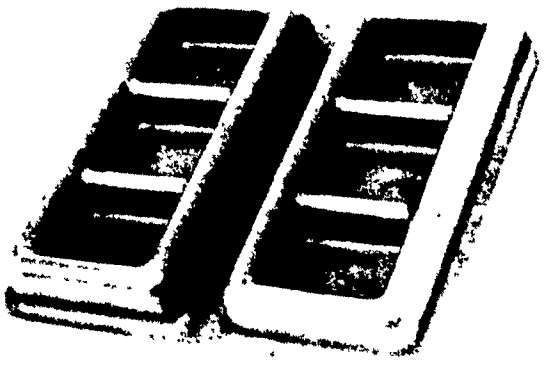

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$75,000 bull calf tops All-American Jersey Sale

BY DONNA MC CONAUGHEY
Staff Correspondent

LOUISVILLE, Ky. — Very seldom does an auctioneer drop the gavel after a record-breaking final bid of $75,000, especially if the sale item isn't even present in the sale ring. But, that's exactly what auctioneer, Merlin Woodruff, did at the 1984 All-American Jersey Sale, held Nov. 4, at the North American International Livestock Exposition in Louisville, Ky.

The animal was a six-month-old Jersey bull calf. The 1984 bid set a new record price paid for a Jersey bull calf at a public auction, shattering the old record of $3,000. But the bull isn't just any calf. His pedigree contains some of the all-time great Jersey bloodlines. With a sire like "A-Nine Top Brass" and a grandsire like "Observer Chocolate Soldier," Valedictorian is destined to rise to the top of the breed.

Valedictorian was sold by Skillman Farm, a division of the New Jersey Department of Corrections. Because the prison offered cheap help and needed a rehabilitation project that would pay for itself, Ed Crotty, a former herdsman for a top Jersey breeder, was asked to set up a program for the inmates using Jersey cattle. Prisoners earn a salary and learn a marketable skill while working in the dairy operation. Outstanding animals are used as an incentive for the inmates.

Crotty bought Valedictorian's dam, Zev of Ogstons Vicky, at the Walebe Farm, Collegeville, Pa, dispersal sale held in November 1983. Vicky was purchased as a bred aged cow, and Crotty knew the calf had some good Jersey bloodlines.

Valedictorian was not at the All American Jersey Sale because a female Jersey on the farm reacted to a brucellosis test. The bull was certified to be disease-free but New Jersey and Kentucky state laws prohibit transporting of animals over a state line ... herd with a brucellosis carrier until a two-week quarantine period has passed.

Not only was the bull absent from the sale...so was active bidding on the animal. A sealed bid from the Valedictorian Syndicate of $75,000 was offered to the auctioneer. No other bids, written or oral, were received.

Executive Director of The American Jersey Cattle Club, Maury Core, said the syndicate was a group of businessmen using the bull as a tax shelter and an investment.

"The syndicate will use Valedictorian like some businessmen use race horses. The bull though, will be worth more over a longer period of time," Core said. "Because his pedigree is outstanding, Valedictorian is well worth the investment."

"Valedictorian will have an impact on the Jersey breed," Core said. "He has the potential to make even more breed history."

The All American Sale also saw the record broken with the top price for a female at $11,000. Owned and bred by the Randleigh Foundation of Raleigh, North Carolina, Randleigh Sundae Brim sold to Comfort Hill Jersey Farm of Ferrisburg, Vermont. Three-year-old Brim sold with two bull contracts and a probable third contract pending negotiation by the new owner. This cow was sired by Barlu Chocolate Sundae and carried two year records of 13,440 lbs. of milk with a 4.9 percent fat test.

The second high selling female was Top Brass Frederick Lustre consigned by Dr. J.J.Malnati of Newberry, South Carolina. Lustre was purchased by the Skillman Farm of Columbus, New Jersey for $9,000. She carries a contract for a bull calf out of Quicksilvers Magic of Ogston.

Following close behind was Headspring S. Pride Aria selling for $8,900 to Jimmy Minter of Texas Consigned by Headspring Farms of South Carolina, Aria carried a contract for a bull calf also. She had production records of 15,640 lbs. of milk with a 4.0 percent fat test.

Volume buyer for the sale was the New Jersey Department of Corrections in Trenton, New Jersey. They purchased five head for $12,400.

Sale averages for this outstanding offering were: five bulls averaging $19,220 and fifty-five females averaging $2571.

Over tops Beford Co. DHIA numbers

BEDFORD — The Bedford County DHIA ended the year with seven herds averaging over 700 pounds fat. Bedford County completed its 60th year Sept. 30, with 98 whole-year herds and 24 owner-sampler herds.

Topping the county butterfat average was the herd of Byron Over, Roaring Spring, with 783 lbs. fat. Over also had the only milk average in the county over 20,000 pounds.

In addition, averages of more than 700 lbs. fat were produced by six other herds: Paul and David Helsel, Woodbury; Edward A. Deputy, Bedford; J. Allen Baker, Bedford; Paul I. Detwiler, N. Enterprise; Obie Snider, Imler; and Luther and Phil Steele, N. Enterprise.

Officers of the Bedford County DHIA board of directors are: James Eshelman, president; Edward Deputy, vice president; Clair Koontz, secretary; and Rita Dull, Treasurer.

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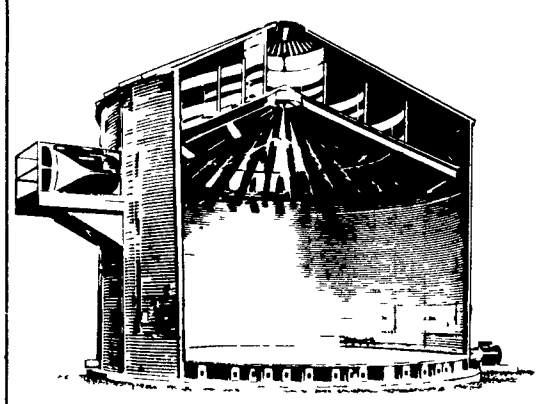

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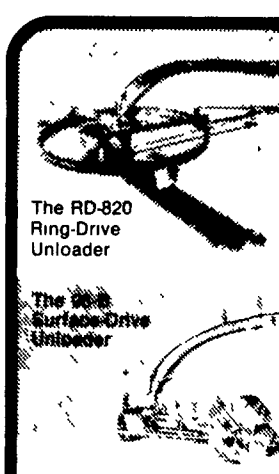

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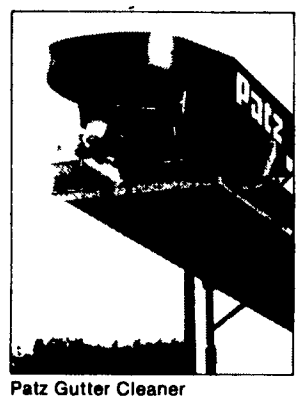

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Young buyers mine a 'Pot O' Gold' at NAILE Jersey Sale

BY DONNA McCONAUGHEY
Staff Correspondent

LOUISVILLE, Ky.—The 1984 Jersey Pot O' Gold Sale was held in conjunction with NAILE. "Quality was way up this year, and prices were down slightly," said Jack Holbreck, Kentucky Cattle Club Treasurer. "It was a buyer's market," was his summary of the sale.

Jersey breeders consigning heifers to the sale were hand-chosen by the sale's executive committee. Each calf was reviewed and its pedigree scrutinized before it was considered for the sale.

Fifteen Jersey heifers were offered for sale, with only young people ages eight to 19, eligible to purchase the animals. Over the next three years the calve's lactation records will determine winners of the production contest.

The Pot O' Gold contest, funded with 17 percent of gross sales of the previous auction, is divided by the top 12 finishers in the production contest. The 1984 winner, Kelly Young of Yellow Springs, Ohio, received a purse of almost $3,500. Her cow produced nearly 18,000 lbs. of milk—70 percent above the breed average. The total purse presented this year was $12,387.

"The payback far outweighs costs of the program. Those animals were well pedigreed and will be the foundation of the kids' herds," said Richard Rigs, Junior Show Committee Chairman. "The kids are making an investment in their future through these animals."

Topping the 1984 sale was Koons Top Doris, a September 1983 Top Brass calf, which sold for $4,900 to Kirby Jarrell of Texas.

The second high selling calf was Funk Soldier Boy Sweet Cicily consigned by Funk Jerseys of Liberty, Illinois and selling for $3500 to Herby D. Lutz of South Carolina.

Two heifers sold for the third highest price of $3100. Louis Spann of Washington, New Jersey purchased W.F. Brass Allure, a Top Brass daughter consigned by Robert Stiles and Sons of Clearbrook, Virginia.

High Lawn Farm of Massachusetts consigned a Yankee F.W. Chief daughter which sold for $3100 to Kim Clauss of California.

The average for fifteen Pot O' Gold heifers was $2320.

Farm-City Week proclaimed

HARRISBURG — Citing the unique reltionship between Pennsylvania's rural and urban citizens, Governor Thornburgh has proclaimed Nov. 16-22 Pennsylvania Farm-City Week.

"The interrelationship between our rural and urban communities forms a powerful economic force in Pennsylvania," said the Governor following special signing ceremonies marking the week. "It adds strength to the traditions of cooperation and progress that make agriculture Pennsylvania's 'Keystone Pride'. Indeed, the cooperative effort between rural Pennsylvania and our cities and suburbs ensures a dependable supply of quality foods for consumers at home and abroad," he added.

Counties throughout the Commonwealth have planned observances to honor the efforts of Pennsylvania's 59,000 farm families and the hundreds of agribusinesses that make agriculture the number one industry in the state.

Farm-City Week is sponsored by the Pennsylvania Farm-City Council, in cooperation with the Pennsylvania Department of Agriculture, and various state agricultural groups.

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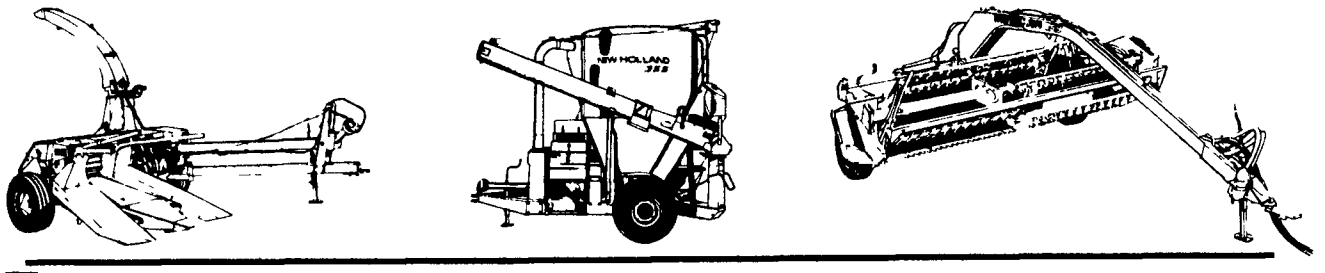

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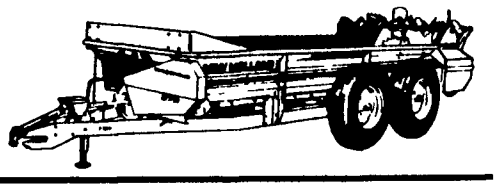

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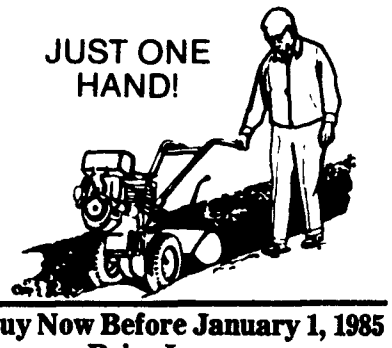

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A feedman, consultant and dairyman offer

DAIRY EXCLUSIVE

BY ROBIN PHILLIPS
Staff Correspondent

BERKS COUNTY — Colder weather has finally reached us, and another year is drawing to a close. With most of the 1984 harvest in barns and silos, dairymen must take stock of their feed supplies and needs for the winter months. They should also be preparing themselves for perhaps another 50-cent drop in the support price and even leaner times ahead. Little management changes can help reap big differences in production, efficiency and cash flow. Belts must stay tightened and operations fine-tuned.

It is at times like this when the attention paid to the nutritional needs of the money-earners in an operation can make a positive addition to a hurting cash flow. "Know your herd, your farm," many nutritionists, feed salesman, and extension personnel advise.

Following is a question and answer forum between an independent nutritional consultant, a nutritionist-feed salesman, and a dairyman. Their generalized advice and comments uniformly stress saving money through increased awareness and better management of a dairy herd's ration.

First, let's introduce the forum participants:

Dr. Carl Brown, Birdsboro, was born and raised on his father's, Berks County dairy farm. With his education in dairy science at Penn State, genetics at Virginia Polytechnical Institute, and a Ph.D. in nutrition from VPI, Brown has worked as a fieldman for the National Holstein Association, on the extension and teaching staff at VPI, and currently with his family's feed business in Berks County. He is also well-known and liked for his extensive work with 4-H, FFA, and extension in Berks County.

His family's company, F.M. Browns Sons Feeds, is predominant in Berks and adjoining counties plus the northern two counties in New Jersey. Brown personally serves clients in the Hamburg-Bernville area.

"We feel that the more a dairyman knows about feed and feeding programs the better we can work with him," Brown states.

Tim Kissling, R1, Robesonia, received his Bachelor of Science degree in Dairy Production from Penn State. He has a lifetime of experience working with one of the highest producing herds in the state, the Hidden-View Farm herd of his parents, Mr. and Mrs. Charles Kissling. As the high herd in Berks County for either milk or fat for the last five years, the Kissling herd currently maintains a rolling herd average of 21,300 milk, 3.9% and 841 fat on 65 cows.

Tim has managed the ration for the past six years and the 170-acre farm is operated by his parents, his wife, and himself with some part-time labor. In the past two years, Kissling has set up a private, independent nutrition consultation business and works with clients throughout Berks County.

Kissling credits his wife and parents for managing the home operation while his independent nutritional work takes him away from the farm more and more as he strives to improve his clients' feeding efficiency.

"I look at what is currently there, available facilities, and land," Kissling stresses in his guidance. Before feeding recommendations are made, the entire operation is studied.

Glenn Seidel, R1, Womelsdorf, is the dairyman on the panel. Seidel has put his Bachelor of Science degree and Masters degree from Penn State to good use in the Heindel herd that he and his father, George, have developed into a top Holstein and Aryshire herd. The Aryshires on Heindel Farm average over 15,000 pounds milk with a 4.2% test, while the Holsteins tally in with over 19,000 pounds milk and 4.0% test.

Heindel Farms Inc. has maintained the two breeds since 1958 and always believed in maintaining a high test. Twenty-four Heindel Farms, Inc. bulls are currently in A.I. service and breeding stock is scattered in nine countries across the world.

"A dairyman should be trying to get the most back per dollar invested," Seidel firmly maintains.

Proven successful in their operations and businesses, they have the following advice and comments for dairymen.

QUESTION: What is the biggest mistake dairymen are making in feeding their dairy herds?

Brown: "The biggest mistake I see is the constant shifting of rations, particularly this year. Dairymen ought to take stock of their inventories and plan to last the whole year. Not keeping up with their rations during busy seasons," is another mistake Brown also points out. "If a guy has a consistent feeding program of feeding the same roughage all year around, he knows if they (cows) drop, it wasn't because of the change in his feed. He can fine-tune his ration better."

Kissling: "There is not enough total planning done on a farm where there is matching of land types to forage." Crops should be regulated as to soil types and land availability, according to Kissling. Another problem, he said, is "simply unbalanced rations." "Many feed additives are fed and wasted because they are not needed in all situations. "Observation of and attention to details must be done by the person doing the feeding on a daily basis. Farmers need to be able to follow proper feeding recommendations and spot problems and changes in feedstuffs in order to maintain high production."

Seidel: "The number one mistake is not feeding high quality feeds," Seidel states. "The problem is that you can't always get it." Here is where profitability comes in, according to Seidel. He stresses a close monitoring of "how much money you actually take back over your input." "Strive for high quality feed ingredients," he adds.

QUESTION: Is there a problem in feeding common to this area or state?

Brown: "One of the major problems is not enough emphasis on quality forages - in not putting forage production as the number one priority." Enough of one forage is not made to last the entire year, according to Brown. "Consistent moisture levels in forages" and "adjustments when moisture changes" also need close attention, Brown adds.

Kissling: "What always works in one area doesn't always work in another area."

Seidel: "With the size farms we have today, it's impossible to consistantly make high quality forages in this area." The weather is one of the greatest limiting factors too, according to Seidel.

QUESTION: What do you think of total mixed rations as compared to conventional methods of feeding dairy cows?

Brown: "The thing that I like about TMR is that you get much more accurate information on intake - what the cows are consuming a day." It also gives an advantage in evening out the amount of grain a cow gets in a feeding, Brown adds.

"Rumen health is perhaps a little bit better with TMR. For TMR to work properly, I think grouping is fairly important, whether in the barn or free stalls." There are also some advantages to conventional feeding if the management is there," he adds. "A good manager can make any system work."

Kissling: "With TMR you gain total control of the ration. A formulation can be mixed exactly to specifications, eliminating the guesswork of feeding by the forkful. You also eliminate the cow's ability to pick and choose what they want to eat. Less stomach upsets and fewer off-feed cows because cows cannot overload on grain without consuming any forages," are also some advantages according to Kissling.

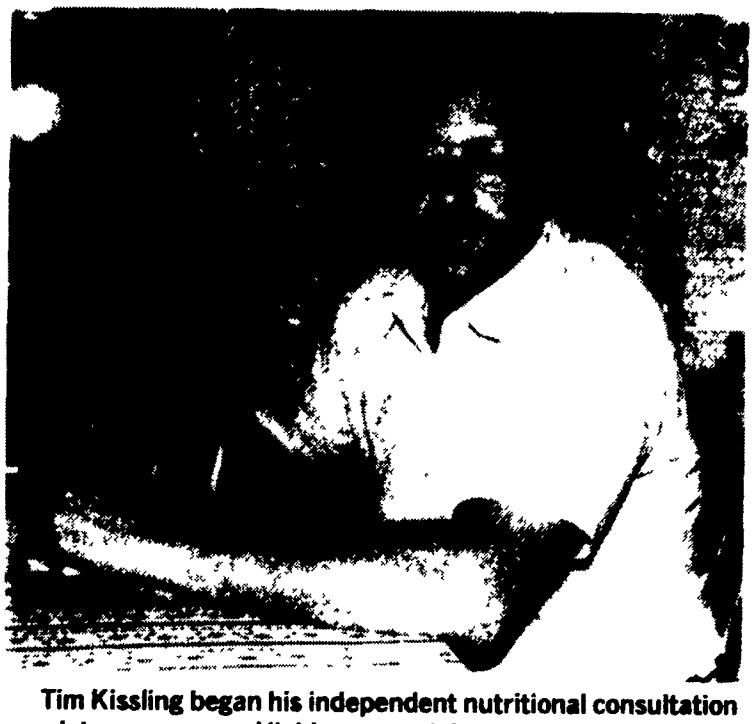
"You can eliminate palatibility problems on certain feed ingredients and during changes of feedstuffs. It's much easier to keep cows eating well," he adds. "There is a certain gain in efficiency of digestion when grain and forages are consumed simultaneously. We have been feeding TMR at home for five years and I would never again want to manage a herd of cows without a mixer."

Seidel: "There are good and bad things to TMR." "You can mix good things with bad feed and get something not as bad as before. Inputs are greater with TMR," he explains referring to the equipment involved.

The feedman

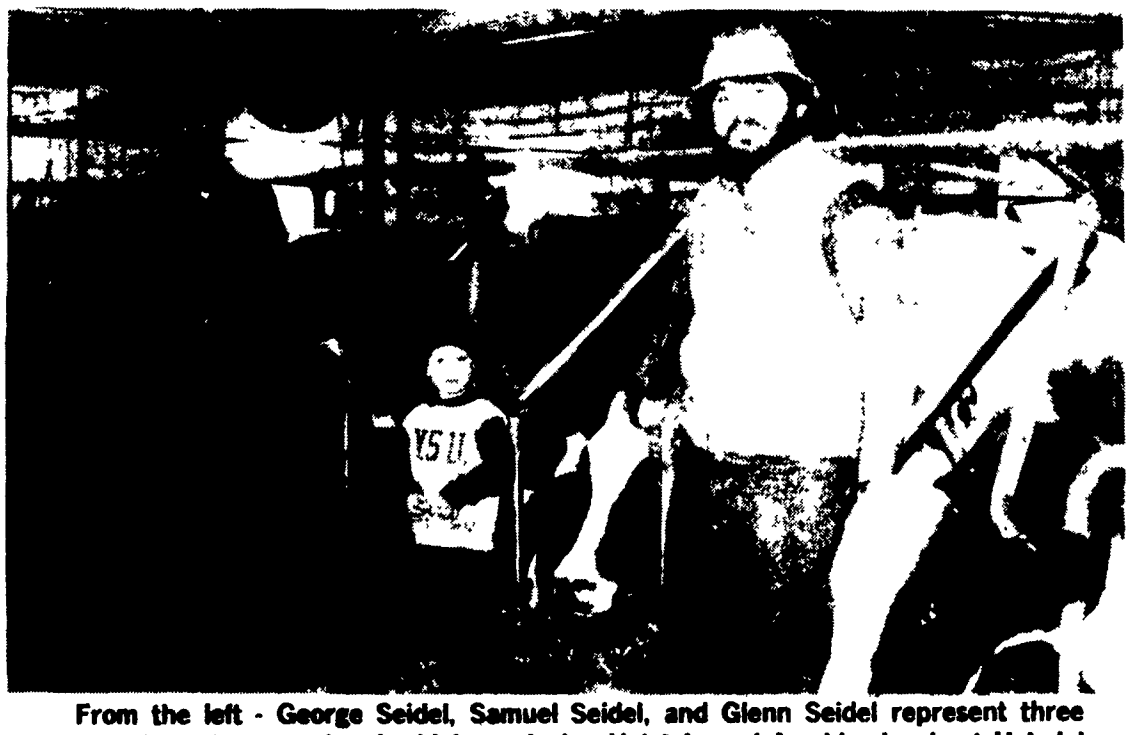
Dr. Walter Kennett and Dr. Carl Brown use a computer to help them formulate the rations for clients fo F.M. Browns Sons, Birdsboro. Each ration is individualized to the particular herd by monthly visits from the salesmen.

The consultant



Tim Kissling began his independent nutritional consultation work two years ago. Highly successful managing the ration for his home herd, which has been tops in the county for the last five years, Kissling stresses better management of available land resources and feeding equipment for his clients.

The dairyman



From the left - George Seidel, Samuel Seidel, and Glenn Seidel represent three generations that care for the high producing Holstein and Aryshire herds at Heindel Farms, Inc., Womelsdorf.

comments on fine-tuning your herd ration

"The money invested must be justified. I don't think it's labor saving at all, that's an illusion. I'm on a conventional method. I don't know if I'd go on TMR if someone gave me all the equipment. You might save money on feed, but your costs on equipment and interest may or may not be justified. In this area, the variability of soils, climate, hay fields .... it's hard to produce a consistantly high quality TMR. If you mix it properly, cows may do very well," he concluded.

The Heindel herd is fed grain twice daily, hay four times a day, and corn silage once a day.

QUESTION: Does the percent of roughage intake correlate with protein and butterfat tests? Does it help to cut silage coarser, or feed longer hay?

Brown: "Normally high levels of roughage intake are desirable ... and butterfat increases. I don't think you're going to see much difference in protein."

In silage, according to Brown, "we can get it too coarse. I'm seeing it swing a little the other way, too much whole cob, and it is not getting the proper fermentation."

Too much oxygen is getting mixed with it, Brown says. "It doesn't make a difference feeding long hay. It all depends on the program and the quality of hay. Normally, hay will help butterfat tests."

Kissling: "In order to maximize the butterfat test, the proper amount of fiber and energy in the correct form must be present in the ration. If the energy is too high, and the fiber too low, you will have a low test. If the fiber is too high and the energy too low for the early lactation cow, the butterfat will not go very high because there is insufficient energy to digest the fiber. Silages must be cut coarse so that the fiber in the ration is effective in the rumen. Long baled hay is not needed if the silages are coarse enough to give effective fiber. At home, we have not fed a single bale of long hay to anything except small calves since April of 1981."

Seidel: "I definitely think the coarser is the better. A cow was meant to chew her cud. The more roughages we feed, the better off we are," but he adds, "you can't make 20,000 pounds of milk on less grain." "Healthwise, it's better for long hay, but it doesn't make much difference in milk production."

QUESTION: How would you mix the ration, the grain to roughage ratio, so that a high producer gets sufficient energy and protein needs and maintains health?

Brown: "A high producer should be on a roughage to grain ration that would be about 50-50 on a dry matter basis. When we balance a ration, we look for a net energy lactation value." (obtained from forage and grain analysis.) For high producers, Brown continues, "we don't like to see the acid detergent fiber level drop below 20%. We use protein levels from NRC." (National Research Council) We like to go to an adjusted solubility feed to make sure we have adequate bypass protein, such as in our 38 Milkmaster or 30 Hi-Moisture Balancer. This is particularly important in a high haylage ration."

Kissling: "Rations properly balanced will give an adequate amount of nutrients for high production while maintaining animal health. I do like to use animal fat as an addition to the high ration for energy to replace some of the starch in corn and allow for more room in the rumen for forages."

Seidel: "The grain to milk ratio is more important." "I don't like to go above one pound of grain to two and one-half pounds milk, not to exceed 30 pounds per cow and all the highest quality forages you can get into them."

QUESTION: How do you get enough feed into high producers?

Brown: "First of all, have a palatible feed. Another problem that I see as far as high producers are concerned, is too much moisture in rations. I like to see total moisture levels falling between 45% and 65%. Also, too much dry material can reduce appetite. The guys that are successful feeding high producers are offering a variety of forages that are high in quality."

Kissling: "Feed them only high quality feeds and have them available 24 hours a day."

Seidel: "You don't. A cow can only eat so much and then she is full. Their genetic ability to produce milk exceeds their ability to consume the proper nutrition."

QUESTION: Can a cow digest and utilize certain grains better then others?

Brown: "Yes. Basically we use the information from various universities to balance this out." He concludes, "there is some year to year variation of digestibility of home grown grains ... because of growing conditions, mold problems."

Kissling: "As long as adjustments are made for the different protein and fiber levels in the different grains, I don't feel there is a whole lot of difference in utilizations."

Seidel: "Sure, but they all have their disadvantages and advantages."

QUESTION: Do different breeds demand different rations?

Brown: "Probably, but research is scanty." Stating that there is a lack of good quality research with breeds other than Holsteins, Brown comments, "They have a different requirement for milk protein production that may not be adjusted for, using NRC values. The smaller breeds require heavier nutrient density because of their smaller body size...a higher proportion of protein per pound of dry matter."

Kissling: "No, I do not feel there is any difference in nutrient concentration requirements among the different breeds. The major difference will be in the total amount of feed consumed based on body size."

Seidel: "No, but....a good example was last year." "We bought hay and corn." Seidel stated that the Holsteins dropped from an average of 800 pounds butterfat to 711 pounds fat, on the poorer quality hay. The Aryshire herd dropped from 608 pounds butterfat to 605 pounds fat on the same hay. "The Holstein is the workhouse of the dairy industry. She's fine-tuned, but...the Aryshires don't need as high quality feed to maintain their production."

QUESTION: What are the problems in a dairy herd ration that are the most difficult to correct?

Brown: "The number one problem that I see is when you're locked in with poor quality forages." Working with a herd that has poor feed intake or poor digestibility of feed and the reason cannot be pinpointed, is another problem, according to Brown. "There are variations from farm to farm."

Kissling: "The problem I have struggled with the most is instances where there is some kind of factor on a farm that appears to be limiting utilization of feedstuffs in the cow's stomach. Several different water quality problems have been identified and when corrected, have allowed production to increase. "However, there are still several herds where there has to be something interferring with normal function that we just can't get a handle on. Mother Nature continues to play her games."

Seidel: "It's having poor quality forages, because what do you do? You feed it."

QUESTION: Besides poor production, are there certain health problems that characterize an incorrect, off-balance ration?

Brown: "Yes and no." "It's too variable to generalize on. Too many other factors come into play, such as management."

Kissling: "Excessive percentages of milk fever, retained placenta, ketosis, fat-cow syndrome, twisted stomach, and off-feed problems are all signs of incorrect feeding at one stage or another of lactation. These problems can basically never be eliminated, but can be minimized."

Seidel: "Yes, there could be thousands." "You don't get something for nothing," he notes referring to high producers that are stressed by the higher production and could have more problems. "It's best to not react. rather than over-react," Seidel cautions.

"Don't go shooting in the dark if you don't know what you're looking for." "A balanced ration is taking educated guesses and you don't always guess right," he concludes.

QUESTION: How do you advise feeding dry cows?

Brown: "Keep the dry cows on the same forage that the milking cows are on, except at a much lower level of intake. Use a lower quality of roughage to make the difference." With this method, the dry cow will be adapted to the milking cow ration and less problems will occur at freshening, according to Brown. "The same ration balancing techniques are just as important as for the milking cow ration."

Kissling: "Cows should be fed adequately during the last one-third of the lactation so that they are neither fat nor thin at the time of drying off. Cows that are in proper body condition when they go dry need only to have their weight maintained when they are dry."

Seidel: "The best feeding program for dry cows is to have a 60-day dry period." "Separate them and keep them on a similar ration as fresh cows."

QUESTION: What do you suggest as the feed requirements for open heifers?

Brown: "Basically the need for open heifers is probably about a 14% protein feed of adequate energy so that they maintain body condition up to freshening without getting overweight." Balance the minerals according to the forages you're using, Brown adds. "I find that it is best to keep them on some grain. We provide a ration balancing service for people who want to fine-tune their heifer program."

Kissling: "Open, growing heifers need adequate amounts of protein and energy to maintain a decent amount of bodyweight and not have growth stunted. With good quality corn silage and hay or haylage, this can be done entirely with roughages from about nine months of age and older. Heifers should not be overfed."

Seidel: "Whatever we can't put someplace else, we put into a heifer. We try to freshen them before they are two years old." A good quality, palatible feed would be ideal, Seidel adds.

QUESTION: In years of drought, what are the best cheaper alternatives to incorporate in a dairy ration to maintain production and herd health?

Brown: "The availability and prices are so variable from year to year. Generally, it's important to stock up on roughages early in the year - either by buying haylage or corn silage, so that you can see yourself through the year with at least half of your forage dry matter intake being supplied. Your traditional roughages are normally your best forages."

Kissling: "Wet brewers grains and other by-products are often economical ration additions when feedstuffs are in short supply and expensive. I personally feel that animals should not be short-changed on feedstuffs irregardles of the price. Underfeeding will only drop production and decrease income."

Seidel: "There aren't any." "The problem is, everything adjusts. The market immediately compensates."

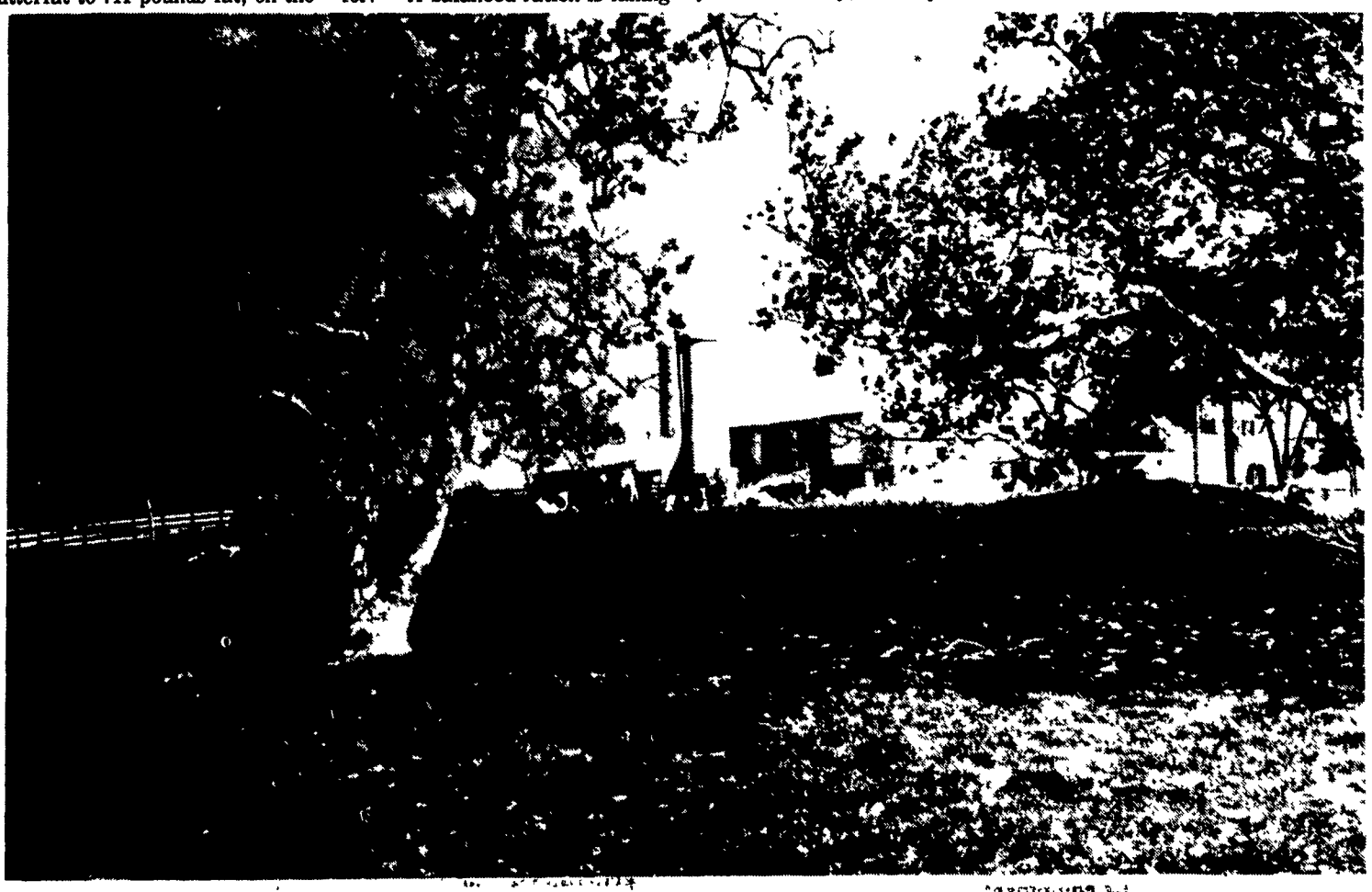
QUESTION: What testing procedures and service schedules do you advise for a dairyman?

Brown: "Our salesmen make regular visits to clients, either monthly or semi-monthly. We test forages and split the cost with our clients. Our ration balancing programs are free. Dr. Walter Kennett, F.M. Browns Sons nutritionist, is responsible for formulating the rations. He or myself are available as requested for additional consultations."

Kissling: "I have no set schedule with my clients and basically rely on them to watch for feed changes and pull forage samples and call me when changes in the ration occur. I do like to visit farms every two to three months just to check on body conditions and forage appearances." Charges for Kissling's services are on an hourly basis, as needed.

Seidel: "I don't test forages. The number one thing you can do is DHIA testing. That will tell you more of what's going on with your herd than anything else. DHIA test for yourself. Know where your cattle are as compared to each other." Although registered herds have other reasons for DHIA, Seidel states, "if you have a commercial herd, DHIA is the best thing you can do."

Each member of the panel appreciated the chance to air his views in Lancaster Farming. As one of their final comments they stressed that it all comes down to a need for better management in details. Perhaps Glenn Seidel summed up the advice for many dairymen when he concluded, "do the best job with what you have before you start looking for other answers."



Manure management increases dairy efficiency

BY WENDY WEHR

HONEYBROOK — What is a dairyman's chief concern? Milk production, of course. Care and management of the cows, from feeding to milking, consumes countless amounts of the dairy farmer's time, energy, and resources. And why not? In an efficient operation, more milk means more money, and making ends meet in these tough economic times has to be the dairyman's first concern.

But, face it, easing the financial crunch depends more on efficiency than on simply "more milk." And to put together a more efficient operation, every dairyman should take a close look at another time, energy, and resource consuming part of his operation – manure management.

To run an efficient operation, can you afford to let the nutrients you feed your cows — a majority of which end up in the manure — evaporate into thin air while you buy commercial fertilizers every year to provide nutrients for your crops? Can you afford the time and energy, the headaches and hassle that are part of hauling manure everyday?

The Extension agents and Soil Conservation Service personnel of Berks and Chester counties think you can't afford it, and that's why they set up the 6th Annual Agriculture Waste Management Tour, held Wednesday at farms in the two counties.

In selecting the farm operations, Chester County agent Dave Swartz noted that they wanted to give farmers an opportunity to see the many options that are possible for a manure management system. They chose farms that represented very affordable, relatively simple manure pits, as well as more expensive, complex manure handling systems.

On hand throughout the day were Dan Meyer, Extension ag engineer from Penn State, and Marina Juhl, civil engineer from the area SCS office, as well as Extension agents and SCS personnel from both Berks and Chester Counties. The farmers attending the tour had access to a wealth of information about engineering considerations, costs, fertilizer values, and equipment.

The tour began outside of Honeybrook, Chester County, at the farm of Levi Stoltzfus. The group looked at his earthbank storage located at the end of his barn. The gutter cleaner drops manure directly into the pit, which has a six-month capacity. Levi pumps off the liquids before hauling the solids. A concrete ramp is used for equipment.

Participants in the 6th Annual Agriculture Waste Management tour talk about the available options in manure management systems. Here at the Jonas B. Stoltzfus farm is a six-month poured-concrete storage for 50 cows.

Discussion there focused on the need for a concrete base, suggested slopes for the inside and outside banks and the ramp, required safety measures, and pertinent township ordinances. For earthen banks, a 1:2 inside slope is suggested, and a 1:3 slope on the outside banks allows for easier maintenance. No greater than an 8:1 slope is recommended for the ramp of semi-solid manure storage basins.

While Penn State ag engineer Dan Meyer noted that dumping manure on top and breaking the crust results in some nitrogen loss, he also commented that Levi's system was very affordable. A few years ago, the manure storage system installation cost about $3,000.

The second and third farms on the tour had drainage systems incorporated into the manure pits. At all three of these farms Harry Barnett of SCS assisted in designing appropriate systems, taking into account each farmer's needs.

The second stop on the tour was the Jonas Stoltzfus farm. Jonas, who runs a 50-cow dairy operation, installed a $10,000 poured concrete storage facility in 1983. His design included a 2×2 grate leading to a six-inch PVC pipe to drain the liquid off the bottom. He also noted that he empties the pit in the spring and the fall by pumping out the liquid and handling the rest with solid manure equipment.

At the last stop at the Berks-Chester Agriculture Waste Management Tour, SCS engineer Marina Juhl explained the SCS manure management design for the Harvey Z. Stoltzfus farm.

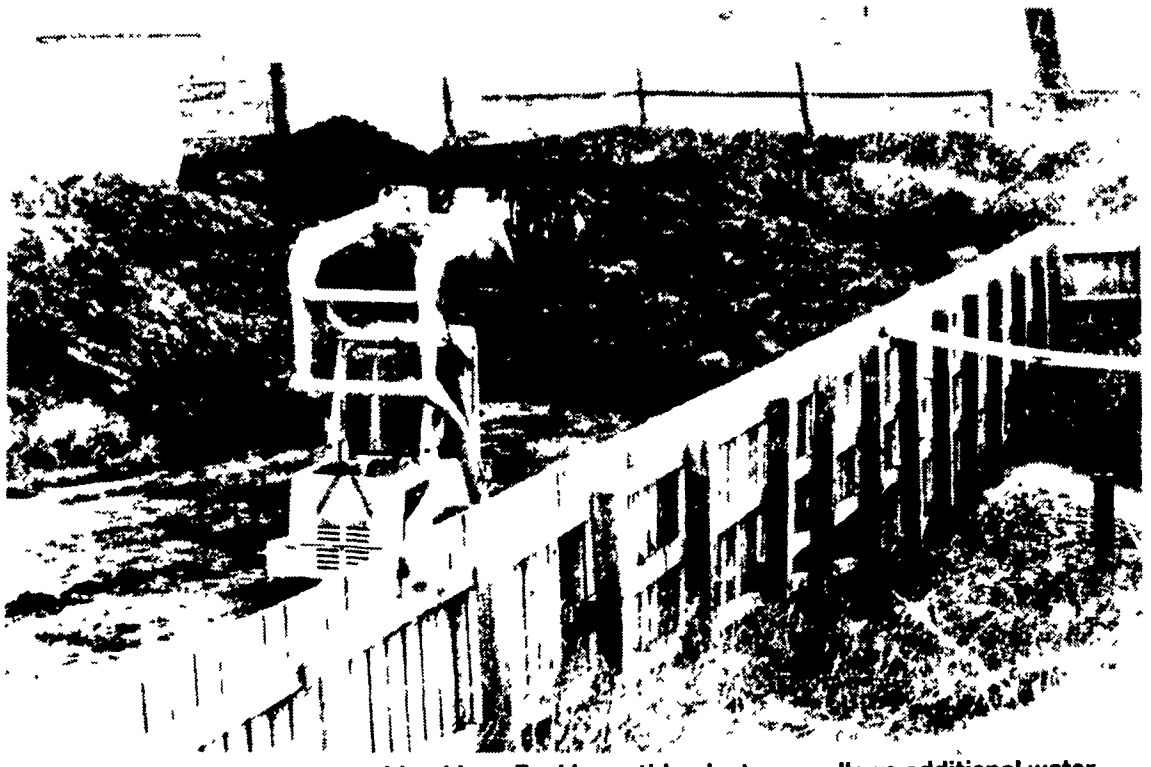
Chester Extension agent Dave Swartz explains the manure test kit to dairymen Warren Supplee.

Jonas remarked that it's "definitely cheaper to store the manure." After spreading the manure he chisel plows as soon as possible, to prevent nitrogen loss.

"I don't put any fertilizer on my corn," he commented, and that represents a substantial savings. Although he tests the soil to be sure no additional fertilizer is needed, his yields also indicate that the manure is adequate.

To emphasize the potential savings on commercial fertilizer costs, which could amount to $50 per cow, and to reinforce the need for adequate testing of both

(Turn to Page A33)



A picket dam along one side of Ivan Zook's earthbank storage allows additional water to drain from the system.

Ivan Zook, right, learned about installing a gravity flow system from his stall barn to manure storage from Penn State ag engineer Dan Meyer.

Manure management

(Continued from Page A32)

manure and soil, Dave Swartz showed a manure test kit which is available through Extension. The $22 test analyzes nitrogen, the most valuable nutrient in the manure, phosphate and potash. Of course, soil tests must follow as well.

At the third farm, owned by Ivan Zook, the group looked at how a picket dam drains excess water from his earthbank storage with a concrete bottom. The liquid flows by gravity through 900 feet of drainage tile to a meadow diversion terrace.

While Ivan currently uses a front-end loader to push the manure from the stall barn and heifer housing into the pit, discussion centered around the ease with which he could install a gravity system from the stall barn to the pit.

Dan Meyer explained that by using a 36-inch pipe, with nearly an eight foot drop from the stall barn to the pit, 4,000 pounds of pressure would be created to push the manure out into the pit. The only additional change that Meyer recommended was a change from long to chopped straw, to diminish any chance that the system would plug up.

The Zook manure storage system handles the waste from both the stall barn and the heifer housing, a feature that Dan Meyer pointed out to the dairymen as worth consideration. The dairyman should always look ahead toward future changes, too, so that potential for expansion can be designed into the system.

Before moving on to the next farm, discussion returned to the financial pluses of manure management systems. Despite the estimated savings on fertilizer costs of $50 per cow, many farmers still can't see laying out the initial investment for installing the system.

To answer this concern, Henry Bohn, of the federal Agricultural Conservation Program, explained the funding opportunities available to farmers who want to install a manure management system. In Berks County, ACP will fund 75 percent of the cost of the animal waste facility up to $2,500, and in some counties the upper limit is $3,500.

In addition, through the Chesapeake clean-up effort an additional $2 million will be available to aid farmers who are willing to adopt better waste management practices.

As discussion turned to the problems in the Chesapeake Bay watershed, Berks Extension agent Clyde Myers reminded the dairymen to take the lead. "If we don't watch ourselves, the federal government may end up regulating how much manure we can put on our fields," he cautioned.

Dan Meyer also commented on governmental crackdown on the pollution problems. The high nitrate levels in Lancaster County groundwater, for instance, may lead to DER mandatory guidelines for applying nitrogen.

The fourth manure system viewed on the tour was a 360,000-gallon, 16×62 Butler Liqui-Stor on the farm of Marvin and Gary Stoltzfus, Elverson. This offers six months of storage for 100 cows. Manure from the free stall barn is scraped into a reception pit and pumped into the storage, and parlor wastes are also diverted into it.

While this system required the greatest investment, including the cost of equipment, it also has some advantages for some dairy operations.

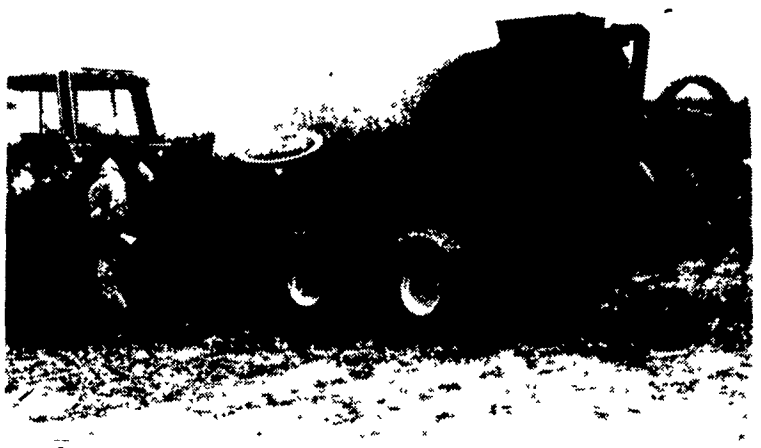
In this particular case, remarked Berks County SCS technician Roy Shryock, the high water table of the land surrounding the barns would have meant trouble with drainage.

Dan Meyer noted that he figures about a 70 cow minimum for considering a liquid manure system that may require a $50,000 to $80,000 investment. He also pointed out that a liquid system is well-suited for free stall operations, and it does offer advantages for incorporating the manure into the soil.

In Marvin and Gary's operation all the manure is injected into the ground. In any manure system, incorporating the manure into the soil as soon as possible is crucial to prevent nitrogen losses. Twenty-five percent of the nitrogen is lost each day it sits on top of the soil.

At the fifth and final farm on the tour, the Extension and SCS personnel gave the group an opportunity to see the planning and design that goes into creating a manure storage system. At the Harvey Z. Stoltzfus farm the SCS personnel have designed a system that has yet to be built.

Currently Harvey hauls manure every day, and last winter he stored it on a pile because he couldn't get into the fields. Everything from designing around a township road that splits his property, to diverting surface water runoff, to incorporating waste from a nearby heifer facility, had to be taken into consideration in the plans.



An advantage of a liquid manure system is that the waste can be injected directly into the soil with minimum nutrient loss.

What SCS has come up with for Harvey is a gravity flow system from the stall barn to an earthen bank pit with concrete bottom, which will be situated across the road near the heifer housing. SCS engineer Marina Juhl outlined the detailed specifications written up by SCS.

And what everyone should realize, pointed out Clyde Myers, is that all of the SCS services provided to Harvey up to that point are free. And once the design is done, the farmer is under no obligation to build the system. Very often they design systems and nothing ever comes of it, added Marina.

Also the SCS planners strictly follow DER guidelines. For this reason, and because of the cost sharing benefits, remarked Clyde Myers, using SCS is a real plus. "Should DER ever come to you about pollution problems, you'd have a leg to stand on in court if you've followed their guidelines," he noted.

In concluding the day's program, Marina Juhl reminded everyone that SCS is not trying to force their ideas on anybody. "We want to work with the farmer and do what's in his best interest."

As a dairyman, maybe you need to think about your best interests, too, and take a look at your manure management system. Planning and building a system tailored to your individual needs may be a healthy addition to the efficiency of your dairy operation.

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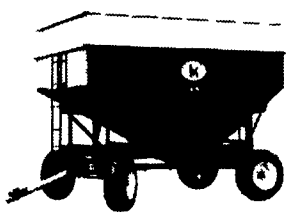

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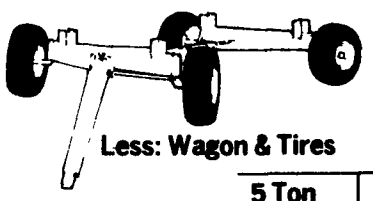

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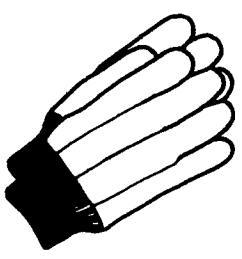

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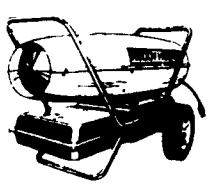

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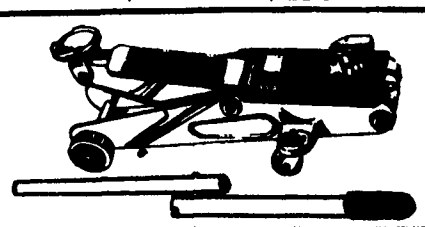

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The Pennsylvania KILE winners keep coming

KILE's top Polled Hereford heifer was shown by Spring Bottom Farm of Fairfield. From left are judge William Curry, owner Frank Darcey, Pa. Cattleman's Queen Heather Schofield, and exhibitor Randy Becker.

Judge Herman Purdy (pictured) slapped Carla Clutter's bull as grand champion Charolais bull in open competition at the Keystone International Livestock Expo, Nov. 2-7. The Clutter family raised purebred Charolais cattle in Prosperity, Pa.

Lecture delivered by York

WASHINGTON, D.C. — E.T. York, chancellor emeritus, State University System of Florida, presened the 1984 Seaman A. Knapp Memorial Lecture in memory of "The Father of Extension" this week in Denver, Colo.

York gave the lecture, the fifth in an annual series, at the annual meeting of the National Association of State Universities and Land-Grant Colleges at the Denver Hilton Hotel, Sunday through Wednesday. His selection was announced today at the U.S. Department of Agriculture.

Mary Nell Greenwood, administrator of USDA's Extension Service, said Knapp's success as a national leader of the farm and home demonstration system helped bring about the Smith-Lever Act of 1914, which resulted in the organization of the Cooperative Extension Service in every state.

"The Knapp principle of demonstration education involved more than just a new teaching method. It represented a deep insight into the motivation and commitment of people," Greenwood said.

York is chairman of the Board for International Food and Agricultural Development. He served under the five most recent Presidents on special assignments at the international level. At the request of President Reagan, he headed three Presidential missions on agricultural development to Central America and the Caribbean, Egypt and Liberia.

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NEDCO criticizes Block on dairy diversion end

SYRACUSE, N.Y. — NEDCO dairy executives have voiced dismay at Agricultural Secretary John Block's announced intention to discontinue the National Dairy Diversion Program, a farmer-funded program that pays farmers not to produce milk, which the cooperative feels has been doing the job in cutting heavy U.S. milk surpluses.

Block, in a recent public statement, said he will probably discontinue the diversion plan on its expiration date of April 1, 1985.

Edward McNamara, NEDCO president, countered Block, stating the program is working well; that production is down in the northeast more than six percent compared to last year, and four percent nationally.

"For the past two months alone, government purchases of surplus butter, powder, and cheese have been reduced by 88 percent from the same period last year," he said. "John Block has been against this type of incentive payment program since NEDCO and the nation's dairy cooperatives attempted to first put it in place last year."

McNamara said that NEDCO is pleased with the program. "I think it's working much better than we had expected," he said. "I know there is some dispute among dairymen who didn't sign up for the program concerning the government's 50 cents mandatory assessment. Remember, this assessment pays for administration of the diversion program," he said.

However, when you consider the other choice (Conable Bill) available at the time, you were looking at a $1.50 straight cut in the support price," he said. "I would say these farmers came out of it pretty well, even though they weren't in the program."

When asked what he and NEDCO feel will happen production-wise down the road, into spring, McNamara said that the nation could be facing two opposite situations:

"There could be a greater decline in production based on present trends. Dairy farmers income has been very depressed for the past three years, and loans have increased tremendously. I don't know at what point farmers can keep on farming without a whole bunch of them going out of business all at once. If that happens, production will drop dramatically, and there will be no need for a diversion plan," he said.

"On the other hand, if, on April 1, the people who have participated in the program decide to go back into full production, and if there are as many heifers bred to freshen in the spring as everybody says there are, just the opposite could happen.

"We could have increased production back to levels somewhere in the range we were before," he said.

McNamara added that it is just too soon to know, therefore dairymen should be prepared with some sort of program containing a continued incentive to ease production. Then if milk flow looks like it will increase, "we should offer this program on at least a six-month basis," he said. "Drastic cuts in supports are harsh remedies and unworkable in emergency situations. Over the long run a dairy specific formula to adjust support levels would be an acceptable and workable solutions."

Fulton Grange holds meeting

OAKRYN — Fulton Grange No.66 held its regular meeting Monday at 8 p.m. in the Grange Hall, Oakryn. It was voted to extend an invitation to southern Lancaster Co. townships to use the Grange Hall for special blood donations for the Lancaster General Hospital.

Fulton Grange will sponsor Connie Bushong for the Miss Solanco Contest next Saturday. a $25. donation was given in answer to an appeal. Clifford Holloway Jr., chairman of the tour to Old Bedford Village. Also Lecturer, Betty Wise, announced a walking tour to see the gnomes in Colerain Township.

The Lecturer introduced David Ellenbery, Superintendent of Muddy Run Park, who spoke on the deer population in the 3,000-acre park and efforts to relieve the problem. All the fences around the perimeter have been lowered and only hunting with special permission will be allowed. Hunters are allowed only on anterless deer, and hunting will be permitted only between Dec. 26 and 29. Only 50 hunters will be chosen each day in designated areas and will be selected on a lottery basis. Hunters must check in at the Environmental Studies Center each morning at 6 a.m. and must check out by 4 p.m. Hunting will be permitted only between 7 a.m. and 3 p.m.

To apply for the lottery, interested hunters must complete a postcard with name, address, telephone number, Pa. Hunting License number, muzzleloader State stamp number, preferred hunting days, and mail to Philadelphia Electric Co., Muddy Run Recreation Park, R.D.3, Box 730, Holtwood, Pa. 17532. These cards must be received no later than 4 p.m., Dec. 3. Hunters selected will be notified.

Corn and Pie Night will be observed at the Nov. 26 meeting. Corn classes will be for best single ear and best 10 ear exhibit. Pie classes will be pumpkin and a double crust fruit pie. 25 or 50 year members will be honored. Dec. 10 will be a Christmas party with $3.00 gift exchange.

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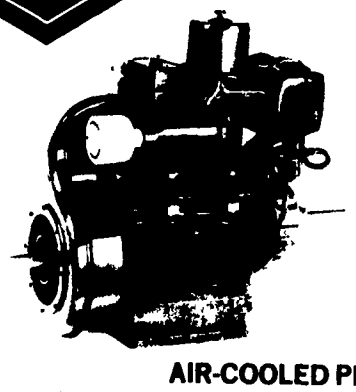

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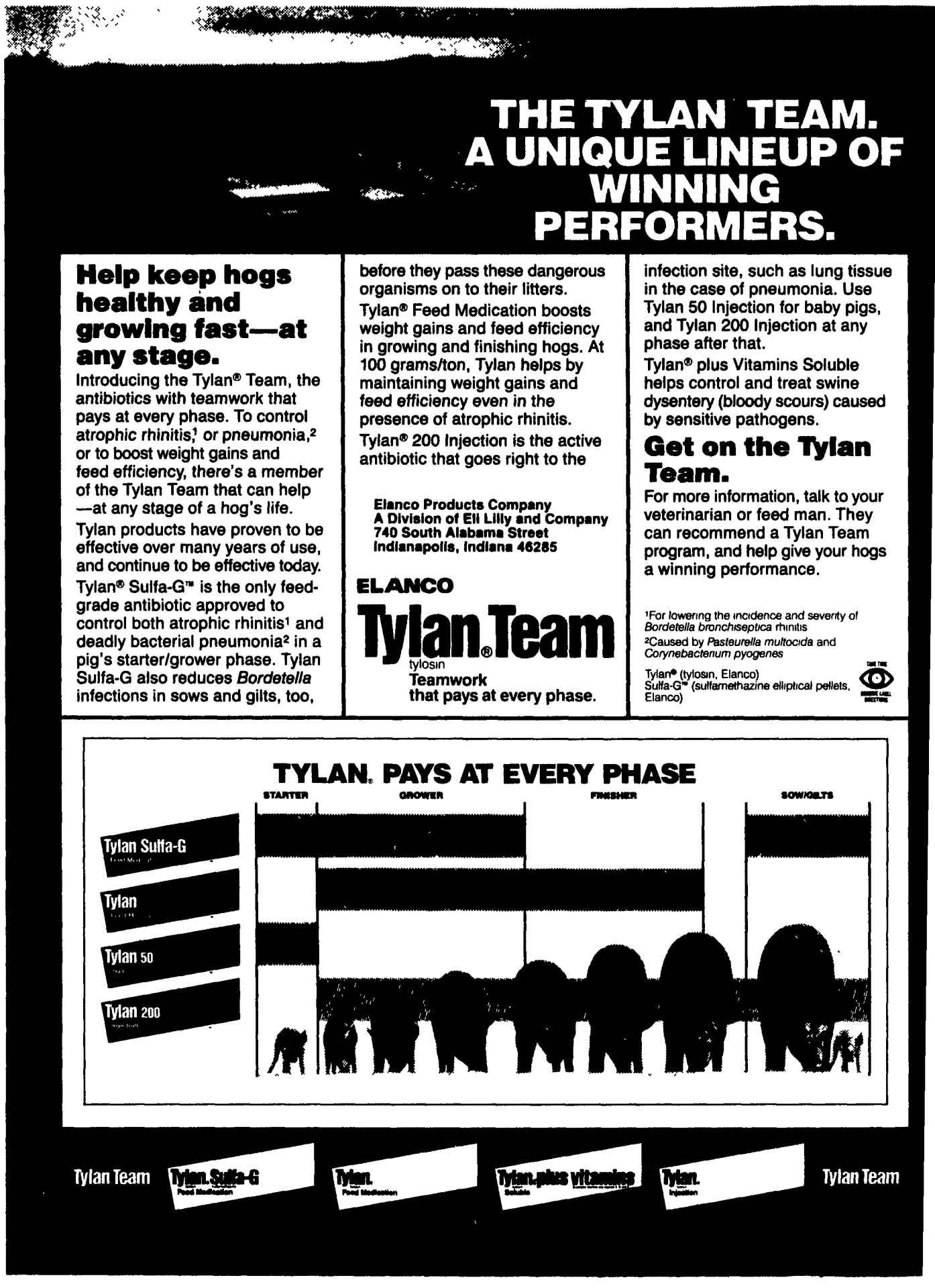

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PFA's annual meeting opens Monday

HERSHEY — Several hundred farm leaders will gather at the Hershey Lodge and Convention Center, Monday through Wednesday to elect officers and set policies during the 34th Annual Meeting of the Pennsylvania Farmers' Association (PFA).

Lt. Governor William Scranton, III will present the Opening Luncheon Address at noon, Monday, Nov. 19. Later PFA vice president D. Eugene Gayman of Franklin County will conduct roll call of the 172 voting delegates who will deliberate policy resolutions which originated in the county associations. Voting delegates will meet in sessions scheduled during the remainder of the convention.

PFA's Marketing Conference begins Monday afternoon and will continue through Tuesday, Nov. 20 at the convention. On Monday, guest speakers will discuss futures trading, ag options trading, farm exports and forward contracting through PACMA, the marketing cooperative of PFA.

On Tuesday, commodity experts will discuss promotion innovations and 1985 marketing outlooks for livestock, fruits and vegetables, dairy, grain and poultry commodities. The prospects for farm financing in 1985 and women's opportunities in commodity marketing will also be addressed during conference sessions.

PFA president Keith Eckel, Lackawanna County, will present his Annual Address to the convention at noon, Tuesday. Following his address, PFA will recognize six Outstanding Young Farm Couples.

Michael Chaplin, Assistant Dean for Resident Education at Penn State's College of Agriculture, will discuss computers, and Murray Miles, Tennessee Farm Bureau's Director of Information, will discuss leadership during PFA's Women's Conference at the convention, Tuesday. PACMA will also conduct its annual meeting Tuesday.

Peter Hackes, NBC News correspondent, will be the guest speaker at the Annual Banquet, Tuesday evening. PFA will present its Distinguished Service to Agriculture Award and will announce "Star" awards received by county associations for excellence in seven program areas.

Voting delegates will adopt final PFA policy, Wednesday, Nov. 21. They will also elect the organization's president and fill vacancies on half of PFA's 16-member State Board of Directors. Eight vacancies on the 16-member State Women's Committee will also be filled Wednesday. PFA's 34th Annual Meeting will adjourn early Wednesday afternoon with the conclusion of the business meeting.

Women's sessions slated

HERSHEY — Computers and leadership roles for farm women will be discussd during the Women's Conference of the 34th Annual Meeting of the Pennsylvania Farmer's Association Monday through Wednesday in Hershey.

Dr. Michael Chaplin, Assistant Dean for Resident Education at Penn State's College of Agriculture, will speak on "Computers and Our Lifestyle". Later, Murray Miles, Director of Information for the Tennessee Farm Bureau, will present an address entitled, "Our Image."

The PFA State Women's Committee, chaired by Mrs. Frank Sankey of Clearfield County, is sponsoring the conference which will be held Tuesday morning and afternoon at the Hershey Lodge and Convention Center, Hershey.

Peter Hackes to speak

HERSHEY — Award-winning BC news correspondent Peter ackes will address the Awards anquet of the 34th Annual leeting of the Pennsylvania armers' Association Tuesday in ershey.

During the banquet, PFA will esent its Distinguished Service Agriculture Award, honoring a rm leader who has had statewide pact for the betterment of riculture. PFA will also present tar" awards to leaders of its 54 unty associations for outnding achievements in PFA ogram.

Guest speaker Hackes was anchorman for NBC's "World New Roundup" for four years. He has contributed to many programs in the Peabody Award-winning "Second Sunday" series; NBC Radio's broadcast news magazine "Hear & Now" and won an "Emmy" for NBC-TV's Apollo Space Program coverage. He has appeared on "Meet the Press", the "Today Show", "Nightly News", and other NBC-TV news programs. For many years Hackes was a reporter and anchor on NBC Radio's hourly newscasts and reported extensively on "Monitor".

Scranton to open meeting

HERSHEY — Lt. Gov. William Scranton III will address the Opening Luncheon of the 34th Annual Meeting of the Pennsylvania Farmers' Association Monday.

Following Lt. Governor Scranton's address, the roll call of 172 voting delegates will take place in preparation for deliberations on about 100 policy recommendations from PFA's 54 county associations. PFA vice president D. Eugene Gayman of Franklin County, will chair the four voting delegate sessions scheduled during the convention. Delegates will also elect eight directors representing half of PFA's 16 districts, and a leader to serve as the organization's president.

Farm policies to be decided

HERSHEY — The 34th Annual Meeting of the Pennsylvania Farmers' Association (PFA) will conclude Wednesday with the adoption of policies on farm issues and the election of leaders.

A total of 172 voting delegates representing PFA's 54 county associations will choose eight members for two-year terms on its 16-member board of directors and will elect a president to a two-year term.

Incumbent Keith Eckel, a vegetable grower and dairyman from Clarks Summit, Lackawanna County, has been nominated to his second full term as PFA president.

State directors whose terms will expire at the annual meeting and the county associations they represent are: Richard Solly of Ivyland, Bucks County — Bucks, Monroe, Lehigh, Northampton; Ben Zehner of Bloomsburg, Columbia County — Columbia, Luzerne, Schuylkill, Carbon; Richard Barto of Montgomery, Lycoming County — Centre, Clinton, Lycoming; Mrs. Carolyn Rutter of Dover, York County — Lebanon, Lancaster, Dauphin, York; Kenneth Loht of McClure, Mifflin County — Huntingdon, Mifflin, Perry, Juniata; Theodore Hoover of Patton, Cambria County — Clearfield, Indiana, Cambria; Myron Ludwick of Sugar Grove, Warren County — Crawford, Erie, Warren; Tim Piwowar of Uniontown, Fayette County — Westmoreland, Fayette, Washington, Greene.

Both Loht and Hoover have reached the tenure limit of eight years on the State Board of Directors. All others are eligible for re-election.

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Inter-State

(Continued from Page A1)

particularly women, are deficient in their calcium intake. In addition, the research indicates that the government's Recommended Daily Allowance for calcium is below the level needed to prevent osteoporosis.

If we all just drank one more 8 oz. glass of milk a day, noted Speckman, that would be an additional 16 million gallons a day, or six billion gallons annually.

In addition to prevention of osteoporosis, calcium is also being associated with the prevention of hypertension. The problem with the moderate salt-modified diets on which many Americans have been placed to curb high blood pressure, said Speckmann, is that those diets are deficient in calcium.

Speckmann reported that calcium is an effective and well-tolerated treatment for mild to moderate hypertension in 46 percent of hypertensives.

While the results of this research is encouraging to dairymen, he did caution that everyone, including producers of calcium supplements, will be "jumping on the calcium bandwagon." Consequently, members of the dairy industry must market milk as a natural source of calcium that contains a whole "package" of healthy nutrients.

Speckman's afternoon address to the Inter-State producers followed reports from officers of the cooperative. General Manager Paul E. Hand focused on three issues of importance to Inter-State members: the dairy provisions of the 1985 Farm Bill, the organizational directions for Inter-State, and membership commitment to the organization.

As well as commitment, Inter-State's President, Robert B. McSparran, emphasized progress and security as benefits of belonging to a financially strong organization such as Inter-State.

Animal health

(Continued from Page A1)

Of more immediate concern to the advisory board members, who are primarily engaged in livestock related businesses, from their initial discussion were the economic impact diseases, such as pseudorabies.

As an example, Dr. Van Buskirk listed three basic questions concerning the state role in attempting to deal with such a disease:

–Should PRV be a regulatory disease? Or, do we try to eradicate or live with it as best we can?

–Should the industry accept responsibility, particularly financial, concerning it?

–Should the tax-payer help support such an effort?

Concerning diseases, the overall animal health advisory board broke up into sub-units to take a closer look at diseases for particular species – cattle - dairy and beef, swine, poultry and sheep.

At the suggestion of Dr. Robert Herr, representing the Sheep and Wool Growers, the group will add a dairy goat representative to the advisory board.

Dr. Van Buskirk told the group that most animal health laws in Pennsylvania are about 50 years old and are not relevant to the times and farming methods.

Some examples of antiquated animal health laws he cited are:

–The importation law, which likely is no longer needed.

–The Indemnity Act, which lists specific old diseases and does not provide for indemnity for dead animals. In conflict with that antiquated statute, the state did help pay for dead chickens by getting a specific legislative allocation and technically it is paying for dead animals under Johne's for suspect dairy cattle a farmer sends to slaughter.

–Compliance procedures are out-dated and the BAI has no authority to cite violators and needs powers similar to the State Dog Law.

And, of course, the bottom line concerning animal health is the cost

"Agriculture gets less than one percent of the state budget," Van Buskirk said.

He citerd three mains areas of funding concerns – salaries for departmental personnel, indemnity and research.

He said that some improvement has been made in the salary picture to compete with industry for qualified people but personnel are still needed in such areas as monitoring at auctions and garbage feeding operations.

Indemnity is a complex financial concern and essentially comes down to how livestock industry responsibility for indemnities can be dovetailed with taxpayer support. And, even more basically, if it can be dovetailed.

And, in the area of research is the matter of facilities and personnel to provide diagnostic and study support for any animal health effort.

In future meetings, the Animal Health Advisory Board to the BAI will take a closer look at more specific items – both as they relate to particular species and such matters as indemnity that cross species lines.

James R. Barnett, manager of member relations, gave an update on the Inter-State's Young Cooperator program, and at the annual banquet on Thursday evening, this year's Young Cooperators were recognized.

Gordon And Carole Hoover were named the Outstanding Young Cooperators, while Earl and Kimberly Mills, Kathy Strock, Mike and Janet Mowrer, and Ed and Debbie Zug were also named as Young Cooperator finalists.

Also recognized during the festive banquet was C. Wayne Pittman, 25-year employee and leading fieldperson of Inter-State.

Pseudorabies

(Continued from Page A1)

–Feeder pig regulations.

–Is forced depopulation to be retained?

During the moratorium period, other PRV regulations will remain in effect, including quarantine and the need for permits to ship hogs from positive herds to market. But during the period, existing or future owners of PRV herds will not have to proceed with depopulation under the previous eight-month time limit set by the BAI.

Committee work is expected to begin immediately. The work group includes veterinary, BAI, Pork Council, packer, auction and other livestock representatives.

It is hoped that a public session to review the draft might yet be scheduled before Christmas.

At Wednesday's session, Dr. Lawrence J. Hutchinson, Penn State Extension veterinarian, presented a letter outlining several considerations for a PRV program aimed at eradication:

These include:

--Strictly enforce current regulations on importation and movement of breeding swine.

–Initiate surveillance of imported feeder pigs, possibly 10 percent of each lot of feeders with a minimum of 10 and maximum of 50 being tested.

–ID regulations be maintained and enforced.

–Tighten and enforce biosecurity, particularly at auctions and packing houses.

–Payment of indemnity for breeding stock be considered and be available only to herd owner participating in a BAI-approved eradication plan.

–Use of killed PRV vaccine be considered in PRV-positive herds on a BAI-approved eradication plan. To be used only in herds with serious disease problems and only in the early stages of eradication. BAI would control vaccine availability and use. It would be administered only by accredited veterinarians and all vaccinated animals be identifield as PRV vaccinates.

Concerning indemnity, the letter cited a suggestion for indemnities to be funded under a plan of assessments from the agricultural industry and possibly funds from the state.

A number of these and other PRV concerns were discussed at Wednesday's meeting, which led up to the compromise proposal.

The action by the BAI in establishing a moratorium until May 1 specifically applies to the requirement of submitting an eradication plan when applying for a permit to send hogs to market. A hold until May 1 will be placed on the plan requirement, which in effect places a moratorium on depopulation, the main objective sought by the Pork Producers. The State also extended the moratorium period until May 1, beyond the 90-day request of the producers, thus giving more time to work out the alternative program.

Attending Wednesday's session were John H. Henkel, of the Pa. Pork Producers Council, who chaired the session; Kathy Hohmann, of Hog Farm Management Magazine, as observor; C. Eugene Wingert, PDA and Pork Producers; Terry Sheetz, State representative and swine producer; Warren Lamm, House Ag Committee; Sheila Miller, Senate Ag Cemmittee; John Hurtgen, Animal Health Advisory Board; Karl Brown, PFA; Ronald E. Shaffer, Pa. Grange.

Ray S. Lehr, Pennfield Corp.; Max Smiith, Pa. Livestock Assn.; Dick Anglestein, Lancaster Farming, as observor; Les Burdette, Penn State; Dr. Larry Hutchinson, Penn State; Mark Nestleroth, Lancaster County Swine Producers; Jim DeGaetano, Pa. Livestock Auction Association; J. Clyde Brubaker, Pa. Sheep Producers.

How to manage corn borer

NEWARK, Del. — Now that field corn harvesting is nearly complete, many growers are asking if they should chop the stalks for corn borer control. The University of Delaware's 1984 European corn borer fall abundance survey indicates that the overwintering population is higher than last year.

Even though this population is below the 10-year average, extension pest management specialist Joanne Whalen says economic infestations could occur next season. However, in some cases winter weather and natural enemies will aid in suppression, so it's important to consider the potential effect of cultural practices on overwintering borers before spending time and money to use these controls.

"Plowing, disking, and mowing have all been used in an attempt to reduce corn borer survival," the specialist says. "Research conducted at the University of Delaware Agricultural Experiment Station has shown that disking permits the highest survival of corn borer larvae. In general, with this practice larvae escape physical destruction and are placed close to the surface for easy emergence in the spring."

If conventional tillage is planned, she says plowing under the stalks will result in the lowest survival of overwintering larvae. Growers can choose to do this in the fall or leave stalks untreated until spring. But if they wait until spring, they must remember to plow before moths start to emerge and lay eggs.

With the increase in no-till corn acreage in Delaware, physical stalk destruction has been reduced, which could lead to increased borer survival, Whalen says. Growers using no-till practices can reduce moth emergence next spring by mowing or chopping stalks in the fall.

"This practice will benefit isolated or large growing areas the most," she cautions. "When corn borer moths emerge, they tend to migrate from their overwintering sites. So, if you're the only grower chopping stalks in an area, you could still experience economic corn borer infestations in the spring from migratory moths."

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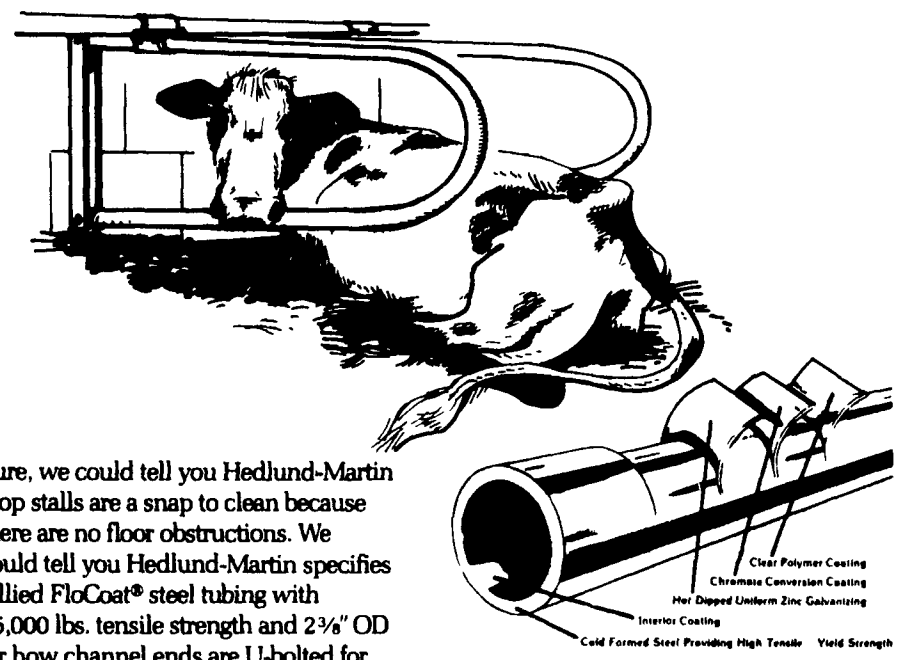
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How shelf position helps sell ag products

WASHINGTON, D.C. — Suppose you're doing your grocery shopping and you're in a hurry. You stop at the breakfast cereal section and reach for your regular brand. But, wait. Another brand is on your shelf! The box says it's new, fiber-filled, and fortified with essential vitamins. There's something appealing about the package, and a little sign says you get 20 cents off the marked price.

You hesitate. Do you look around for your old standby brand or do you toss the new and improved cereal into your shopping cart?

The decision you make will have an impact on the manufacturer, the retailer, and the shelf.

Shelf space. It's coveted by manufacturers. No matter how large the grocery store, there is only so much shelf space. On the other hand, there seems to be a virtually unlimited supply of food and nonfood items you might expect to find in a grocery store. It's not unusual for 12,000 to 15,000 different items to be stocked in a single supermarket.

Why are some items stocked by retailers and similar items nowhere in sight? Why are some products positioned on top shelves and others stacked on the bottom?

The most obvious answer–items that sell well get the best space–is only one aspect of stocking grocery store shelves, according to Agriculture Department economist Larry Hamm of the Economic Research Service. In a recent issue of USDA's FARMLINE magazine, Hamm notes that two other major considerations are advertising and promotion.

"The food industry is more dynamic today than ever before," Hamm says. "Manufacturers are introducing about 3,000 new products each year and they advertise and promote each one. Probably 80 percent of the items on the shelves today were not there just 10 years ago. And what sells well this month may sell poorly next month."

Why We Buy

There are many reasons consumers select the foods they do: habit, price, convenience, packaging, availability, variety, and concerns about nutrition are just some. These factors, and lots of other details, are considered when manufacturers plan a campaign to influence consumers to try their new product. In essence, advertising and promotion are the keys to marketing a new product to the American "I'll try anything once" appetite.

Marketing plans targeted to specific groups of consumers have brought a new sophistication to selling new products.

"This sophistication has been carried over to stocking supermarket shelves in the form of more advanced merchandising techniques," Hamm says. Merchandising, the subspecialty that gets the product on the shelf, has been developed into something of a science by many retailers and manufacturers, he adds.

Hamm defines food merchandising as the activities associated with retailer purchasing and pricing of products and presenting them to the consumer. "It boils down to the overlapping objectives of retailers and manufacturers."

Retailers want to increase sales volume per fixed investment in stores, warehouses, and labor resources. Retail merchandisers create shopping images for their stores to attract new customers and to induce their customers to spend more money.

Manufacturers are concerned with increasing the share of the market for their products over the products of their competitors.

Both are aiming to influence consumer purchasing. When they work together, they are a formidable pair.

Creating Demand

The retailer may advertise heavily, offer discount coupons, construct elaborate displays, and allocate space to items that are being advertised.

The manufacturer may also advertise heavily, offer cents-off coupons and rebates to consumers, and offer special allowances to retailers for promoting, advertising, and distributing a specific product.

"Joint manufacturer-retailer promotions are very effective," Hamm says, but sometimes one segment of the food industry is out to influence the other.

Here's an example: A company brings out a new product, advertises it widely, offers discounts on bulk purchases to retailers, and cents-off coupons and rebates to consumers. What's really happened is that the manufacturer has created (or tried to create) a demand.

The retailer is then in a bind. Consumers will probably want to try the new item and take advantage of the manufacturer discounts. If the retailer doesn't stock the item, regular customers may go to another store, perhaps permanently.

What this translates into is competition for shelf space–new items versus established items, best sellers versus slow sellers.

Prime Space Wanted

Shelf space layouts are carefully designed and determine in detail which products are placed where and, especially, which products get the prime displays.

"Position can be everything," Hamm says. The decision on how many rows (called "facings" in the industry) to give a particular product can double sales or cut them in half. "However, the space technique with the most sales impact," he says, "is the end-of-aisle display." When combined with advertising, the end-of-aisle display is almost always a winner.

Hamm cites a past study on the effectiveness of various display techniques:

—Sales of an item dropped by 80 percent when it was moved to the bottom shelf from a top-shelf display, although the price and number of facings remained the same.

—The use of a simple "As Advertised" sign to point out an advertised product on the shelf increased sales by 124 percent compared with the same product without a sign.

—Sales increased 542 percent for a specially priced item when it was moved from the shelf area to an end-of-aisle display with colorful signs.

—A combination of techniques proved to be most successful. Sales increased by 782 percent when a specially priced product was advertised in the newspaper and highlighted with a shelf sign.

Although the data cited are not recent, they are representative of techniques that are widely considered successful today. "Such data are rarely made public," Hamm says, "because the information can make a retailer more competitive. Those who do have it closely guard their findings."

Computers Scan Sales

Today, computers have made merchandising information easier and faster to collect. "For years, retailers could only gather this information by implementing labor-intensive controlled experiments that were usually very difficult and expensive to conduct," Hamm says.

But computer scanners at checkout counters now give sales tallies almost instantly. When inventory information is linked to demographic consumer information available through check-cashing cards, retailers can have detailed breakdowns on product sales by family size, income, and occupation.

Through computers, retailers can measure the effectiveness of various promotions and marketing techniques. Computerized space allocation systems are now very common in large chains. Eventually, the store computer will be able to directly link with the manufacturers' computers, so products can be ordered and billed electronically.

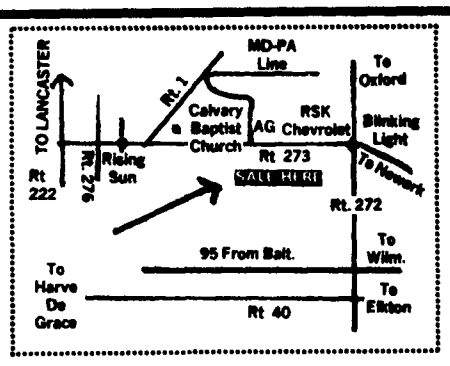
While this technology has generally been too expensive to implement for many smaller food concerns, micro computers may be able to bring chain-store technology to Mom-and-Pop food stores. Some software programs for micros can provide detailed space allocation plans based on sales, gross profits, direct product profit, or weekly supplies.

Perry Valley Grange wins

PORTLAND, Me. — Perry Valley Grange, Millerstown, has won first place for the second consecutive year in the National Grange's community service award project. Kermit Richardson, Lecturer of the National Grange, made the announcement this week during the Grange's annual convention being held in Portland, Me.

Richardson said Perry Valley had the best overall community service projects which included education, safety, health, recreation and charity. The Master of Perry Valley Grange is William Cameron and community service chairman, Marion Shade. Richardson presented State Master Charles Wismer a plaque and $1,000 U.S. savings bond which Wismer will present to Perry Valley Grange after the national convention.

Second place went to Rocky Mountain Grange, Hamilton, Mont., in recognition of their leadership in planning a retirement home for senior citizens. Third place was won by Montgomery Grange, Round Mountain, Cal. and fourth place, Chepachet Grange, Chepachet, Rhode Island.



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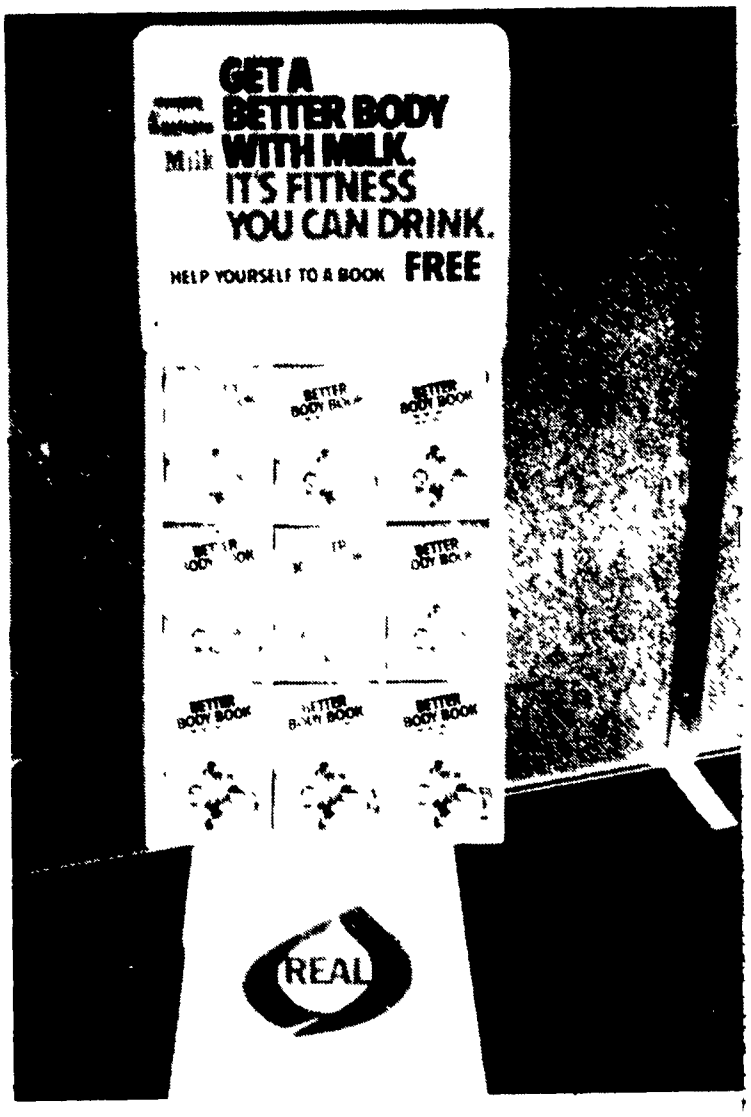

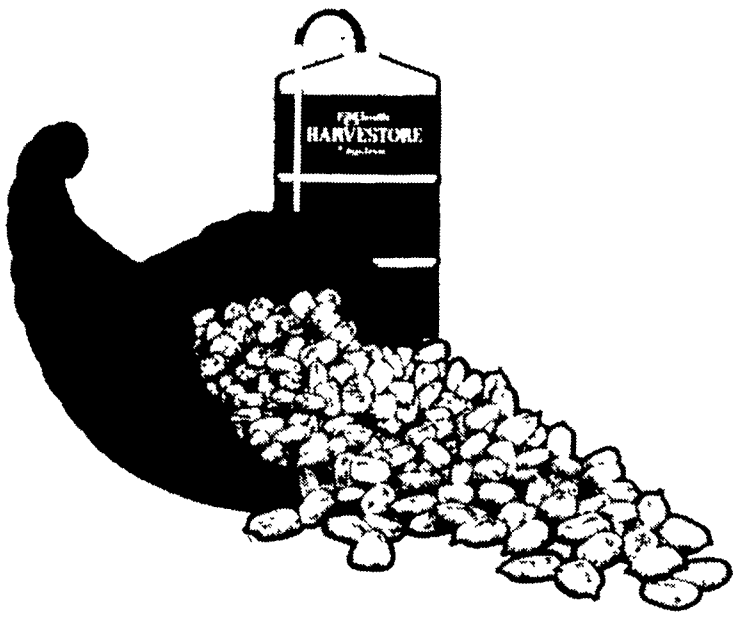

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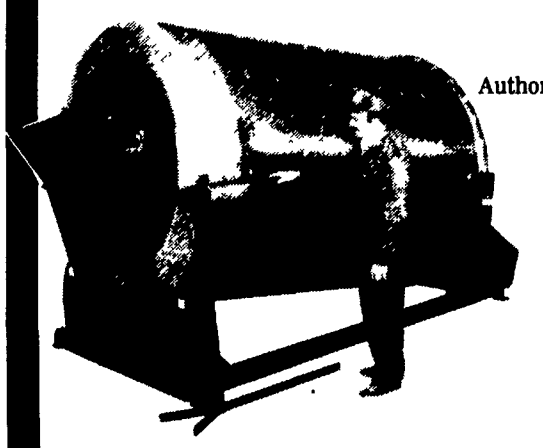

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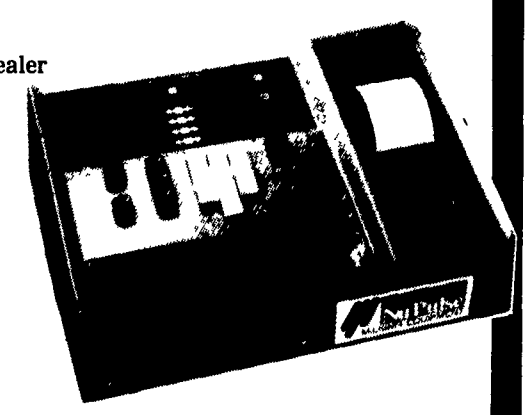

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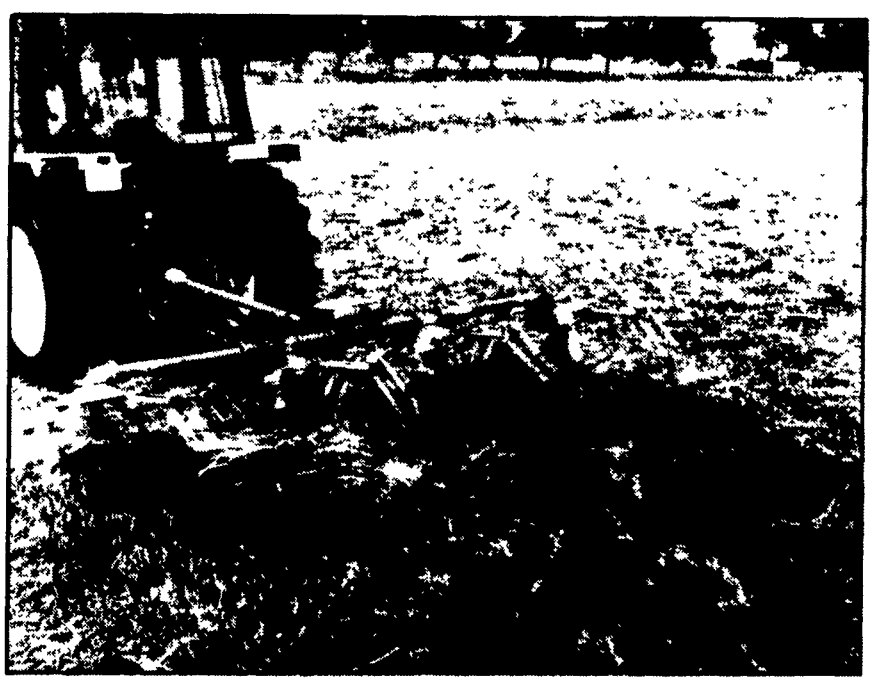

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Chester Co. 4-H equestrians aspire to inaugural parade

BY SUZANNE KEENE

COCHRANVILLE — Members of the Gum Tree Equestrians, a 4-H drill team from Chester County, were happy to see President Reagan come out on top during the recent presidential election. While many voters were pleased to see Reagan win because of his economic policies and his strong military stance, the Gum Tree Equestrians were glad to see him win because he is a horse lover.

"He is a big horseman," drill team leader Linda Weigel asserts, noting that Reagan had many horses in his first inaugural parade.

The Gum Tree Equestrians hope to strut their stuff in his next inaugural parade early next year. "We hopefully can get there," Weigel says.

The drill team has made initial contact with Congressman Bob Walker and State Representative Art Hershey, who are helping the 4-H'ers gain a place in the parade. The team is in the process of applying to the armed forces for that privilege.

In the meantime, the group of 13 girls and one boy who make up the team is hard at work, practicing, practicing, and practicing some more to perfect their routines.

Team members range in age from 10 to 17 and are all members of the Gum Tree 4-H Horse and Pony Club. Participation in the drill team is an option open to all club members.

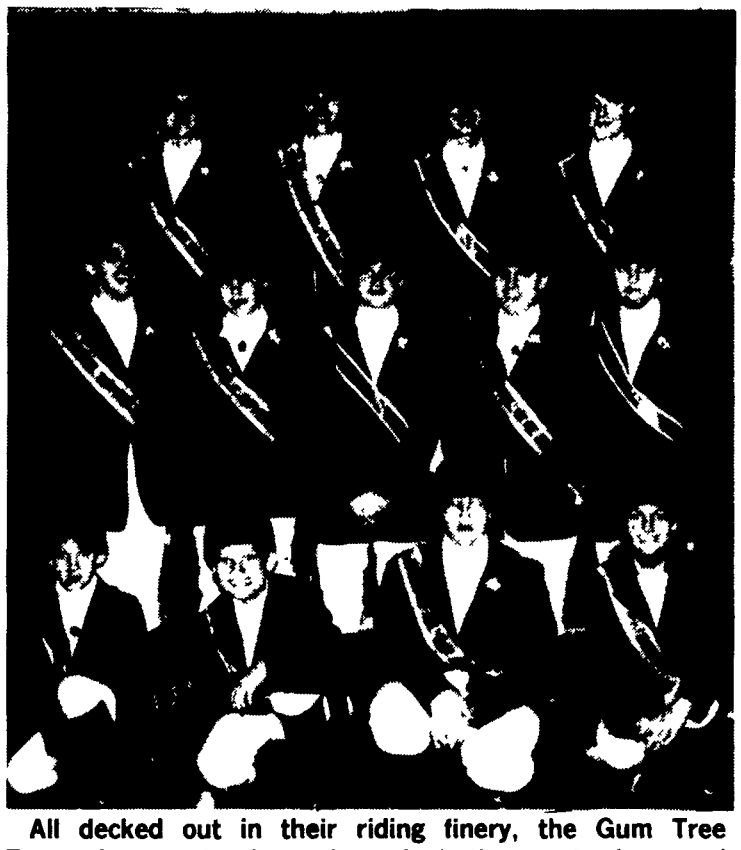
Some of the drill team members have been riding for years, while others have only three or four months experience. Seven or eight of the members have been with the team since it began about a year ago and share their experience with the newer members.

The drill team is the brain child of Bill and Dawn McCuen, who own the Kalulvi Alihelisde Equestrian Center near Cochranville, where the team practices. Dawn gives riding lessons to all the team members and provides horses for some of the members who do not own a horse.

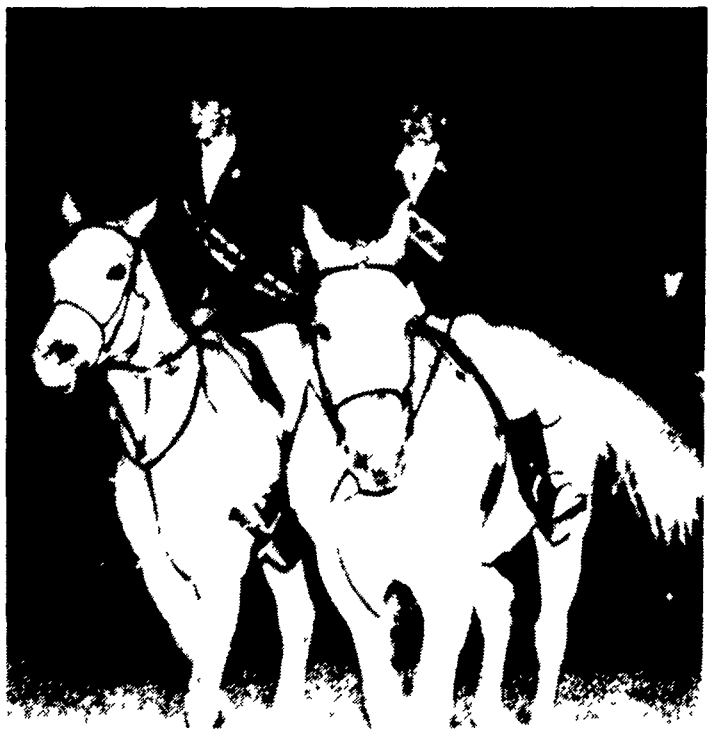
Team members who use Dawn's animals do 75 percent of the work for those horses and help out with the barn chores as part of their 4-H project.

The group gathers at the McCuen's every Saturday to work on their drills, practicing pairs, and crossovers, and learning to space the horses properly. Weigel said it took the team about one month of practice just to learn to space the horses one horse length apart.

Drill team leaders Charlotte Nicotera, Linda Weigel and Ann Drumheller proudly display a poster bearing pictures and newspaper clippings of the team.



All decked out in their riding finery, the Gum Tree Equestrians anxiously await an invitation tot he inaugural parade. Pictured are: (front from left) Scott Delore, Michelle Bonhage, Amy Harbst, and Jenny Delore. In the center row from the left are Debbie Campbell, Tracey Weigel, Susan McAdam, Tina Phipps, and Sandy Bonhage. In rear from left are Chris Nicotera, Donna McLaughlin, Jennifer Esposito and Beth Brofee.



Members of the Gum Tree Equestrians work through a drill during a recent practice session.

Getting the horses accustomed to the colorful, waving flags that team members carry in the drills is another challenge. "It takes quite a while to get a horse to the point where you can walk up to it with a flag," Weigel said.

Pairing up and matching strides also takes a lot of time. Every team member knows how to be the leader of the group and the positions switch all the time. "There will never be just one leader," Weigel aserts. "We want anyone to be able to take the lead."

While it does take a lot of time to learn all the elements necessary for a successful drill team, Weigel says "the kids pick it up remarkably fast."

During practice, the 4-H'ers often know when something isn't going right before the leaders, watching from the ground, do. "They seem to pick it up faster on the horses than we do on the ground," Weigel said.

The team performs their routine to a number of musical selections, but the team favorites are "Chariots of Fire" and "Carousel."

Ann Drumheller, another of the drill team leaders, does most of the choreography for the team's routines. Drumheller says she gets some of her ideas from books, but most of them just come out of her head. And, "sometimes the kids come up with the ideas themselves," she says.

The team is continually changing their routine. "We keep incorporating more things into it," making it a little more difficult each time by adding more involved movements, Drumheller said. "They really have come a long way."

Apparently all the hours of hard work and practice have paid off. The team has taken first place in the 75th Annual Wissahickon Day Parade in Philadelphia and first place in this year's Solanco Fair Parade. They were also the first place team at County 4-H Roundup and the second place team at Regional Roundup.

While at first the team had to solicit invitations to perform, and still do sometimes, they do receive unexpected invitations. Now at parades, Weigel said, "we hear people saying that they have heard of us."

The actual performances are the highlight of participating in the drill team for its members. "It's really fun when everyone smiles at you and waves," says team member Jennifer Esposito.

4-H equestrian Beth Brofee takes time out from a busy practice session to pose with her horse "Miraska." Although Miraska belongs to Bill and Dawn McCuen, who operate the equestrian center where the team practices, Beth does 75 percent of the work involved in Miraska's care as part of her 4-H project.

Jennifer, 13, is one of the original team members.

For fifteen-year-old Beth Brofee, another team member, "The most enjoyable aspect is working together." But she does add that she especially enjoys hearing compliments along the parade route.

Beth also sees participation in the drill team as good training for

(Turn to Page B4)

Homestead Notes

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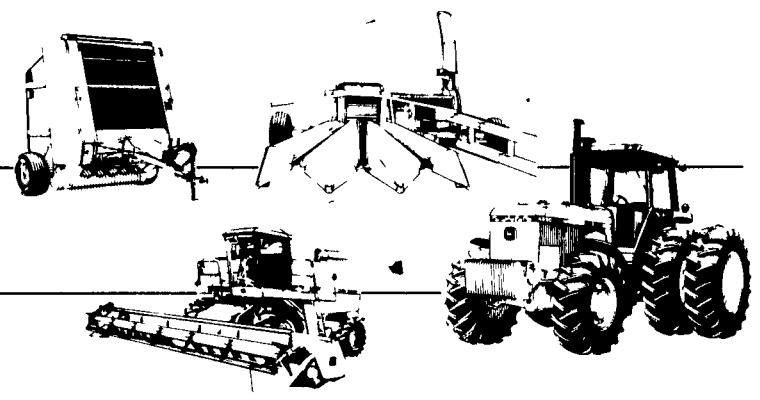

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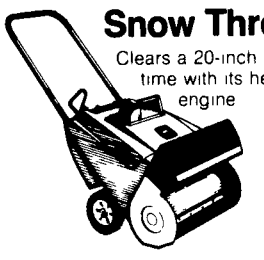

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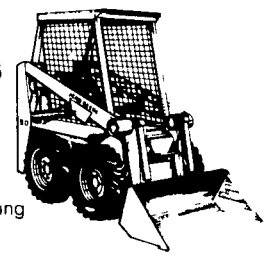

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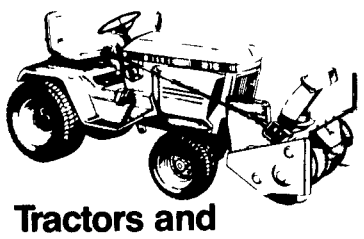

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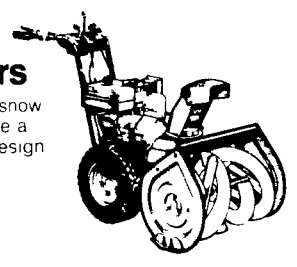

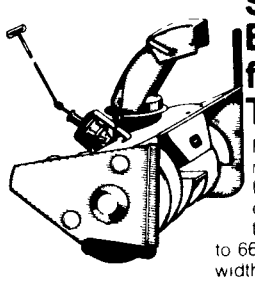

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On being a farm wife - And other hazards

Joyce Bupp

An assorted jumble of candy papers litters the dressers in one upstairs bedroom, strikingly similar to the clutter strewn across the floor. This fallout is the reside of our youngest's - to his dismay - last trick-or-treat haul of his childhood.

In another bedroom nearby, the bright reds and greens of holiday gift wrap and cards hint of the rapidly impending season of giving.

Stuck here, in the no-man's-land between the increasingly, uneasy "gimme, gimme" of Holloween, gunning preparations for the opening day of deer season, and the "buy, buy, buy" of Christmas, it would be easy to forget Thanskgiving.

Frankly, Thanksgiving deserves more attention than it generally gets.

There are so very many people, and such a list of things for which we can be thankful, that most of us just don't quite know where to begin. But one thing in particular comes to mind this year.

I'm thankful for corn.

Corn. Such a simple, little golden seed. Planted in spring, it swells, pokes tiny brave shoots through warming soil, and with a little luck, grows like wildfire over the next several weeks.

Towering many times the seed's size, corn plantings wave green swells of motion over the July rural landscapes, and crackle with vigor on hot, humid August evenings. Pale tassels decorate the tops and the air grows fragrant witht he scent of pollen. Ears shoot from thick stalks, swell fat, and grow long.

As nights shorten, the cornfields almost imperceptibly begin fading from vibrant greens to a faded, aging hue. Ears, sag with maturing weight, and drying silks turn a rich shade of brown. Flashes of golden color peek from the ends of ears, as the husks dry and shrink away to expose the richness within.

Corn. A miracle of kernel next to kernel, lined neatly in straight rows, side by side, marching on around a red cob center. Millions of kernels per acre, millions of ears in rows that climb curving hills, gracefully slip down the other side and melt in the distance into a fringed, blurred sea of crispy tan.

Corn. It feeds cattle, and becomes milk and meat. Hogs convert it to tasty ham and chops, and sheep transform it into a warm, resilient fiber. Chickens grow sleek and plump with eggs for our benefit. Turkeys peck at ground kernels and metamorphose into birds so plump with juicy meat that most families despair of finishing the wealth in even several sittings.

Last year, though, there was so little corn. Like all simple, normally abundant blessings, we took it for granted that this harvest, year after year, would always be there to fuel our cattle, feed ourselves and forge the economy ahead.

And the ensuing year has been sparse, agonizingly so for too many who may never grow corn again in the wake of the drought, or who will continue paying for the scarcity through seasons to come-hopefully-of abundance.

Corn. How reassuring to hear it rattling its way up silo blower pipes, and watch a stream of yellow pour from combine augers into trucks and bins.

On that first Thanksgiving, pilgrims paused to give thanks after they, too, had endured a sparse, lean winter of near-starvation, far greater privations than we can ever imagine. History relates that among their guests were Indians, the native Americans who taught our forefathers to grow.....corn.

That memory seems especially appropriate as we pause to offer prayerful Thanks this year.

Chester Co. 4-H equestrians

(Continued from Page B2)

"Miraska," the 5-year-old Arabian that is her 4-H project. Miraska belongs to the McCuens, but Beth does most of the work involved in caring for her. Someday, Beth said, she hopes to have her own horse.

Beth says the drill team "doesn't take that much time," but adds, "sometimes it can be a lot of work."

Preparing for shows and parades constitutes a great deal of that work. In addition to the hours of practice involved in drill team, a great deal of grooming is needed to prepare for an event. Jennifer Esposito says that when preparing for an event, she must bath and brush her horse, paint his hooves. and clean her tack and boots.

But all the work doesn't keep Jennifer and Beth from quipping, "It's fun."

The team members aren't the only ones who reap rewards from the drill team. Leaders Linda Weigel, Charlotte Nicotera and Ann Drumheller all say they are amply rewarded for their volunteer hours.

For Drumheller, a great performance after a month of hard work, is payment enough. "That makes up for everything," she says.

Weigel also enjoys seeing the smartly uniformed team on their mounts. She says she gets goose bumps when she sees them from across the field. "These girls have made us very, very proud."

Seeing teens participate in a worthwhile program and devote their time to doing something positive, is Nicotera's reward. "When something nice and right happens to them, it's good to recognize them."

If all goes as planned and the 4-H equestrians receive an invitation to participate in the inaugural parade, the team should get thier share of recognition. The ambitious group has already set another goal for themselves — to ride in the Rose Bowl parade.

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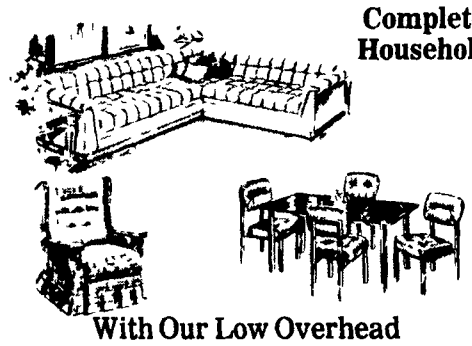

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York 4-H'ers tops in KILE meat judging

HARRISBURG—Seven York County 4-H'ers were among the top ten finishers in the Livestock and Meats Judging Contest held in conjunction with the 28th Keystone International Livestock Exposition at the Farm Show Complex.

Julie Myers, a member of the York County 4-H, scored 735 total points over several categories including beef, swine, sheep, individual (meats) and management areas to win the contest.

A rundown of the top ten finishers in the competition is as follows: 1. Julie Myers, York 4-H; 2. John Myers, York 4-H; 3. Jamie Kohr, York 4-H; 4. Tim Ferrence, York 4-H; 5. Jimmy Townsend, York 4-H; 6. Dean Lobaugh, Apple City FFA; 7. Tim Flory, York 4-H; 8. Lisa Hoover, York 4-H; 9. Ruth McCall, Loudon, Virginia 4-H; 10. Nancy MacCauley, Chester County 4-H.

Quickie Gourmet Entertaining demonstration planned

MEDIA — The holiday season brings many occasions when you will want to entertain. Families want to be hospitable, but time for old-fashioned entertaining is not available.

The Penn State extension service has planned a demonstration to show you some short-cut ideas for festive get-togethers. The meeting, titled "Quickie Gourmet Entertaining" will be held on Friday, Nov. 30th from 10 a.m. to noon.

Come and see foods prepared, then taste and sample them. You will also receive recipes.

The meeting will be held in the Hunt Club Building in Rose Tree Park. The Park is located on Route 252, Providence Road just north of Route 1. Cost is $1 payable at the door. The public is invited to attend.

Penn State is an affirmative action, equal opportunity university.

N.J. 4-H'ers plan holiday workshop

FLEMINGTON, N.J. — The 4-H clubs of Flemington are sponsoring a special 4-H holiday workshop on Friday, Dec. 7, at 7:30 to 9 p.m. at the Hunterdon County Extension Center, on Route 31, Flemington.

The clubs will be demonstrating holiday crafts, and supplies will be available for the public to participate. Cost of crafts will range from 50 cents to $2. There will be a community Christmas tree, refreshments, and lots of holiday spirit. Admission is free.

4-H clubs interested in participating and anybody needing additional information should call the 4-H department of the cooperative extension service at 788-1340 or 1341.

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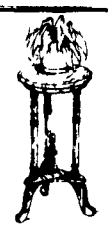

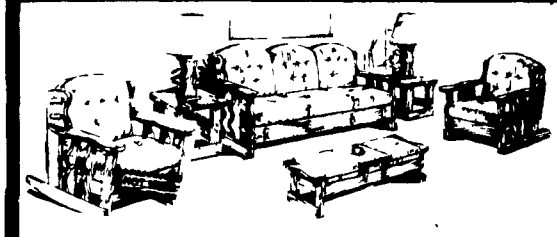

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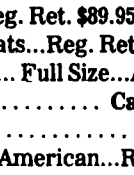

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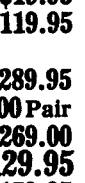

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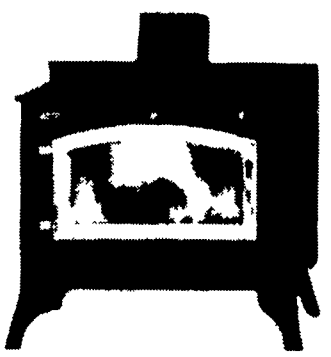

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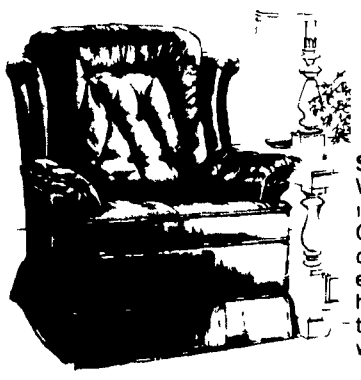

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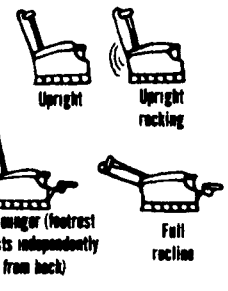

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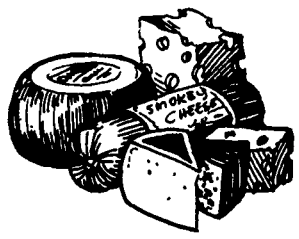
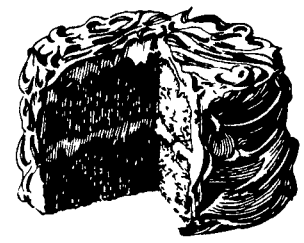


Home On The Range



Celebrate Thanksgiving with a feast

Each of us has something to be thankful for this Thanksgiving. It may be a new baby in the family, the restored health of a loved one, or the bountiful fall harvest. Whatever it is that makes you thankful, celebrate this Thanksgiving with a traditional family dinner, complete with turkey, stuffing and cranberry sauce.

Every cook has time-honored recipes for holiday specialties that are an essential part of the Thanksgiving feast. The favorite family recipe may be for cranberry relish, pumpkin pie, or sweet potatoes.

While it's fun to pass recipes down from one generation to another, it's also fun to try recipes from others' files. Below are a few of our readers' Thanksgiving favorites. Go ahead and add one to your holiday menu this year — you may be starting a new tradition.

But no matter how good your dinner, you'll probably have at least a little left over. Make the most of those leftovers with delicious turkey casseroles. The recipes are all listed below.

ROAST TURKEY

Prepare turkey for roasting; remove pin feathers and clean inside thoroughly. Wash turkey inside and out. Sprinkle with salt and pepper, and stuff. Sew up dressing pockets or fasten with skewers. Tie leg and wings. Rub outside of turkey with fat. Place on rack in shallow pan. (Do not add water or liquid.)

For an 8 to 10 pound bird, roast at 325°F. for 20 to 25 minutes per pound; for a 10 to 14 pound bird, bake at 325°F. for 18 to 20 minutes per pound; for a 14 to 18 pound bird, bake at 300°F. for 13 to 15 minutes per pound; and for a 20 pound turkey bake at 300°F. for 13 to 15 minutes per pound.

Betty Biehl
Mertztown

GIBLET GRAVY

Remove all excess fat from bottom of the pan; allow 1 tablespoon fat for each tablespoon flour. Rub flour into fat in the bottom of the roasting pan. Add liquid (1 cup to 1 to 2 tablespoons flour). Add chopped cooked giblets. Stir until thickened. Salt to taste.

Betty Biehl
Mertztown

SWEET POTATO BON-BONS

3 pounds sweet potatoes, peeled and cooked
¼ cup butter
½ cup brown sugar
Dash of salt
½ teaspoon grated orange rind
6 marshmallows, halved (large ones)
4 cups Corn Flakes, crushed
⅓ cup melted butter
12 pecan halves

Mash potatoes until fluffy. Add sugar, butter, salt and orange rind. Cool. Divide into 12 portions. Press potatoes around each marshmallow half, being careful to keep marshmallow in center. Shape into ovals. Coat each with melted butter. Roll in crushed Corn Flakes, top with pecan and place on lightly greased baking sheet. Bake in very hot oven (450°F.) for 8 minutes. Makes 12 to serve 6.

Donna Lencoski
Latrobe

CRANBERRY DELIGHT

Dissolve one 3-ounce package raspberry jello and one 3-ounce package lemon jello in 3 cups hot water. Chill until slightly thickened. Combine two cups ground fresh cranberries, ¾ cup drained, crushed pineapple, 1½ cups sugar, 1 cup chopped nutmeats, 2 cups finely chopped celery, 1 ⅔ cups seedless white grapes (seeded red ones may be used). Fold into gelatin. Pour into 9x13-inch cake pan or a mold. Chill until firm.

Sara Jane Fulmer
West Newton

PEAS IN CREAM

½ cup water
2 packages frozen peas
½ teaspoon salt
3 tablespoons butter
1 slightly beaten egg
¼ cup cream
1 teaspoon sugar

Place water, peas and salt in covered saucepan. Turn to high until steaming, then to a lower heat until tender. Drain. Add butter to beaten egg yolk; add cream and sugar and beat thoroughly. Add to peas and heat slowly. Serves 4 to 6.

Betty Biehl
Mertztown

No Thanksgiving feast would be complete without a succulent, juicy turkey stuffed with carefully seasoned filling.

SQUASH SQUARES

Cut unpeeled squash into servings about 2-inch square. Remove all the seed and stringy portion. Place in covered saucepan, sprinkle with salt, pepper and brown sugar. Add ¼ cup water. Dot with butter. Place on high heat; when steaming, reduce to a lower heat and cook until just tender.

Betty Biehl
Mertztown

BROILED BREADED TOMATOES

2 tomatoes, cut in half
Salt and pepper
Little bread crumbs
1 egg, slightly beaten

Season bread crumbs. Dip the tomato halves in the bread crumbs, then the egg and then the crumbs. Broil 3 inches from heat for 6 to 8 minutes.

Betty Biehl
Mertztown

APPLE HARVEST CAKE

1¼ cups all-purpose flour
1 cup wheat flour
1 cup sugar
¾ cup firmly packed brown sugar
1 tablespoon cinnamon
2 teaspoons baking powder
1 teaspoon salt
½ teaspoon soda
¾ cup oil
1 teaspoon vanilla
3 eggs
2 cups (3 medium) apples, finely chopped
¾ to 1 cup chopped nuts

GLAZE

½ cup powdered sugar
¼ teaspoon vanilla
2 to 3 teaspoons milk

Preheat oven to 325°F. Grease (using 1 tablespoon solid shortening and flour 12-cup fluted tubepan. In large bowl, blend first 11 ingredients with 1 cup of apples.

(Turn to Page B8)

Top off your turkey feast with this delightful Cranberry Sauce Jubilee. An ignited sugar cube soaked in orange extract makes this an especially elegant finale.

Featured Recipe

This week's featured recipe comes from Linda Weigel of Cochranville. Linda is one of the leaders of the Gum Tree Equestrians, a gorup of 4-H'ers who hope to ride in the upcoming inaugural parade.

Linda's recipe for Red, White and Blue Jello Salad brings to mind the colors of the flags the 4-H'ers carry when they perform. To learn more about Linda and the Equestrians, see the story featuring them in this section.

Red, White and Blue Jello Salad

Mix 1 cup boiling water with 1 small package cherry jello. Add 1 small can of crushed pineapple. Pour in a bowl and let set. Mix together 1 cup boiling water with 2 packages lemon jello. Mix 2 cups milk with ½ pint sour cream and add to lemon jello. Pour lemon mixture over cherry layer and let set.

For top layer, mix 1 cup boiling water with 1 package black raspberry jello and 1 small can of blueberries. Pour and let set. Serves 30.

Recipe Topics

If you have recipes for the topics listed below, please share them with us. You can send your recipes to Sue Keene at Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

November	
24	Wild Game Recipes
December	
1	Christmas Cookies
8	Fireside Treats

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Thanksgiving feast

(Continued from Page B6)

Beat 3 minutes at medium speed. By hand stir in remaining apples and nuts.

Pour into pan. Bake 50 to 65 minutes until toothpick inserted in center comes out clean. Cool upright in pan 15 minutes. Turn on serving plate. Cool. Blend glaze ingredients until smooth. Spoon over cake.

Mrs. Paul Petersheim
Oakland, Md.

CRANBERRY SUNDAES JUBILEE

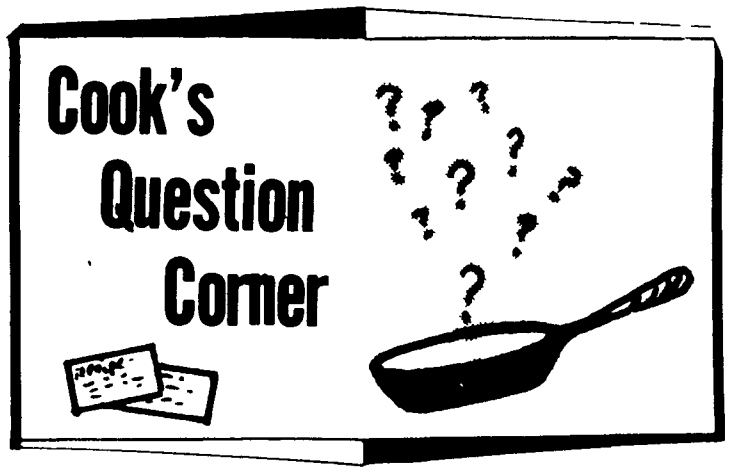
Heat 1 10-ounce package frozen cranberry-orange relish or 1 8-ounce can whole cranberry sauce, stirring occasionally. Soak 4 sugar cubes in orange extract 5 to 10 minutes. Place scoop of vanilla ice cream in each of 4 serving dishes. Spoon hot relish over ice cream. Just before serving, place a sugar cube on top of each sundae and ignite. Serves 4.

GOURMET HOLIDAY CASSEROLE

2 9-ounce packages frozen artichoke hearts
1 tablespoon fresh lemon juice
4 cups chopped cooked turkey
1 2½-ounce jar sliced mushrooms, drained
¼ cup butter
¼ cup all-purpose flour
½ teaspoon each salt, thyme
¼ teaspoon nutmeg
2 cups milk
1 teaspoon instant chicken bouillon
1½ cups (6 ounces) Cheddar cheese
⅓ cup crumbled Blue cheese
Hot buttered rice

Preheat oven to 350°F. Cook artichoke hearts according to package directions. Drain; place in 2-quart buttered shallow baking dish; sprinkle with lemon juice. Add turkey and mushrooms. Melt butter; stir in flour, salt, thyme and nutmeg. Remove from heat; gradually add milk, then bouillon. Cook over medium heat, stirring, until thickened. Cook 2 additional minutes. Add cheeses; stir to melt. Pour sauce over turkey. Bake 30 to 35 minutes. Serve over rice.

(Turn to Page B9)



(Editor's Note: Ladies, Grace Ikeler and Linda Miller need your help in finding some recipes. Could you search your files to see if you have the ones they're looking for? If you have recipe requests of your own, please feel free to send them to cook's question corner. At least one of our readers will probably be glad to help you out.)

QUESTION - Grace Ikeler, Bloomsburg, would like a recipe for broccoli soup with small pieces of cheese in it and a recipe for cauliflower soup.

QUESTION - Linda Miller, New Smithsville, would like a recipe for turkey barbeque - the gravy kind without catsup that you get at the fairs

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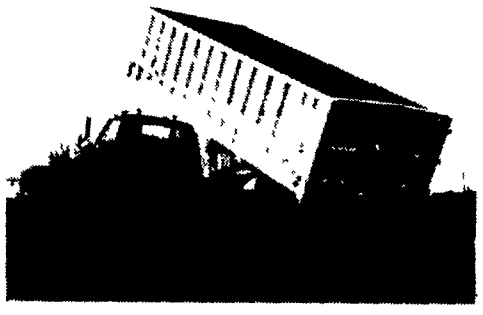

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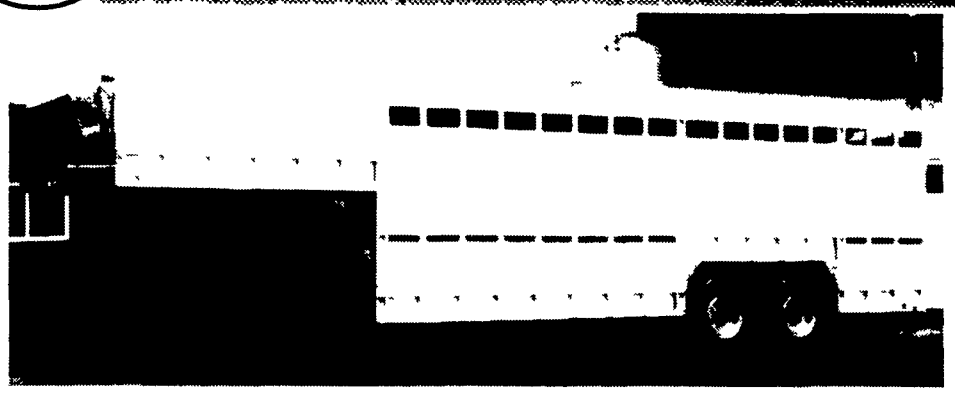

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Feast

(Continued from Page B8)

SCALLOPED TURKEY

2 cups uncooked regular rice
4 chicken bouillon cubes
½ cup butter
2 cups sliced fresh mushrooms
2 tablespoons chopped onion
6 tablespoons all-purpose flour
1 teaspoon salt
½ teaspoon marjoram, crushed
¼ teaspoon pepper
4 cups milk
3 cups (12 ounces) shredded Cheddar cheese
1 2½-ounce jar chopped pimiento, drained
4 cups chopped cooked turkey
1 cup (4 ounces) Cheddar cheese
6 slices white bread, crusts removed and cubed
¼ cup butter, melted

Cook rice following package directions, dissolving bouillon cubes in boiling water before adding rice. Preheat oven to 375°F. Melt butter in 3-quart saucepan. Saute mushrooms and onion; stir in flour, salt, marjoram and pepper. Remove from heat; gradually stir in milk. Bring to boil, stirring constantly. Boil and stir 1 minute. Add 3 cups cheese and pimiento; stir until cheese melts. Add turkey and rice; turn into 2 buttered 2-quart casseroles. Sprinkle with remaining 1 cup cheese. Toss bread cubes in butter; arrange around edges of casseroles. Bake 20 minutes.

SAUSAGE AND CORN BREAD STUFFING

2 12 to 14-ounce packages corn muffin mix
1 pound pork sausage meat
¼ cup butter or margarine
4 large celery stalks, diced
1 large onion, chopped
1 small green pepper, diced
1¼ cups water (or broth)
1 teaspoon salt
¼ teaspoon pepper
1 to 1½ cups broth (to be added while cooking, if desired)

Preheat oven to 400°F. In large bowl, prepare packages of corn muffin mix together, according to the directions on the packages. Spoon batter into greased 13x9-inch baking pan. Bake 25 minutes or until toothpick inserted comes out clean; cool slightly (bread will be sticky if too hot).

Meanwhile, in a 12-inch skillet over medium heat, cook sausage meat until browned, about 20 minutes, stirring frequently to break up sausage. With slotted spoon, spoon sausage into large bowl, set aside. Add butter to drippings in skillet. Over medium heat, in hot drippings, cook celery, onion and green pepper until tender, about 15 minutes, stirring occasionally.

Crumble corn bread into bowl with sausage; stir in vegetable mixture, water, salt and pepper. Use to stuff 12 to 16 pound turkey; or spoon stuffing into 13x9-inch baking dish, cover and bake in 325°F. oven for 1 hour or until heated through. For moist stuffing, add 1 to 1½ cups broth as stuffing cooks. Mix well. Makes about 12 cups stuffing.

TURKEY POTPOURRI

¼ cup (½ stick) butter
2 cups (8 ounces) sliced fresh mushrooms
¼ cup chopped green pepper
1 10¾-ounce can condensed cream of celery soup
1½ cups (6 ounces) shredded Cheddar cheese
½ cup sour cream
2 cups chopped cooked turkey
Hot buttered noodles

Melt butter in a large skillet; saute mushrooms and green pepper until tender, about 5 minutes. Blend in soup, cheese and sour cream until cheese is melted. Stir in turkey. Heat over low heat to serving temperature. Serve over noodles.

Take A Walk Together

Take a walk in the country; look for wildflowers in the woods, or watch the cows munching in the fields. It almost does not matter what you do as long as you do it together. One of the hallmarks of strong families is doing things together.

Now that fall weather has finally arrived, life has returned to the countryside. So, take your family on an outing. You don't have to go far. You don't have to spend money. Just take the time to talk and listen and look together. Sharing is an important part of building your family strengths.

There is a lot to do in the country. If you have young children, help them explore nature by touching, watching, smelling and listening. Check for special parks, gamelands, and state forests to explore. You might visit a fish hatchery where you can see the full cycle of a fish's life. Streams are always fun—you can try a little fishing, wading, or rearranging the stones. To a small child, even a slight hill can be turned into an adventurous mountain climb.

No matter what your age, be sure to dress for the occasion. An afternoon in the woods is apt to be chilly.

Remember, there is something about the clear country air that makes people hungry. So take some food—something simple like crackers or an apple. If you have a field guide or can borrow one from your library, it is always fun to look up birds, rocks and wildflowers on the spot. You and your family will be sharing a discovery.

When you get home, talk about what you have done, where you have been, and remember the little things that happened. You will be building a pattern of enjoying each other. Enjoying your family is one of the secrets of keeping it strong.

Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Make Your Own Dressing

Salads make up an important part of many meals. Raw vegetables, lettuce and other greens are low in calories, but many weight- and waist- watchers often slip up when they add the dressing.

If you want to save on calories and at the same time have a fresh-tasting topping for vegetables and fruit salads or a dressing for meat, egg and pasta salads, try making your own dressings using sour cream and your favorite seasonings or a packaged dry mix. Sour cream contains only 26 calories per tablespoon compared with mayonnaise at 101, bottled Thousand Island at 80, bottled French at 66 and mayonnaise-style "salad dressing" at 65. For those on more stringent kinds of weight-reduction diets, making dressing with sour half-and-half or yogurt can cut food energy intake even further.

Yogurt and cottage cheese can form the protein portion of light and easy meals and snacks. Compared with other main-dish protein foods, they cut calories while maintaining protein quality. For example, four ounces of creamed cottage cheese, which has 4.2 percent milkfat content, provides about the same amount of protein as two ounces of cooked, lean ground beef or two hard cooked eggs. This amount of cottage cheese contains 117 calories, ground beef, 122 and eggs, 164.

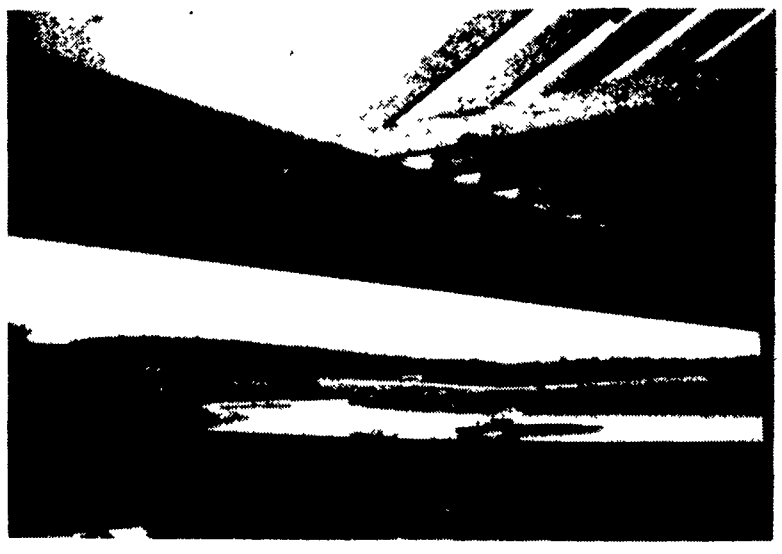
Learn to make Cabbage Patch type dolls

YORK—You don't have to disappoint your daughter or granddaughter if you can't get the original doll. Give her one you have created yourself in a class being sponsored by the Penn State Extension Service.

It will be held Nov. 19, 26 and Dec. 3, 10 from 9:30-11:30 a.m. at the Adams Electric Bldg. on Rt. 616 near York New Salem.

You will learn about selecting doll fabrics, making hair, painting eyes, and sculpting face, fingers and other life-life features.

The fee is $8 plus supplies. Advance registration is required. Call the York County Extension Service at 757-9657.



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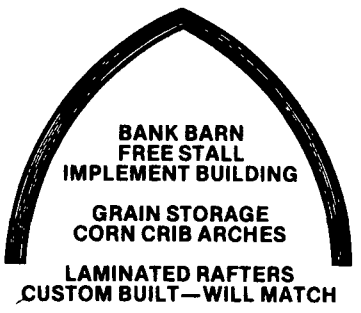

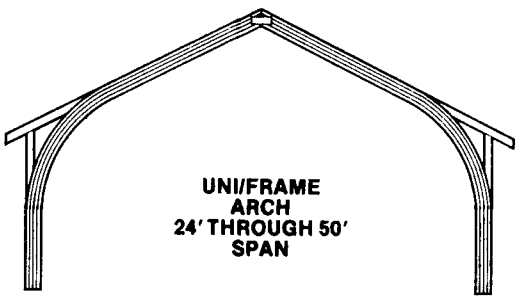

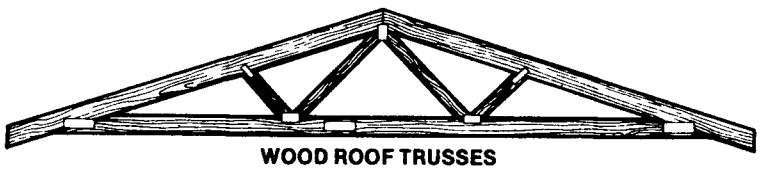

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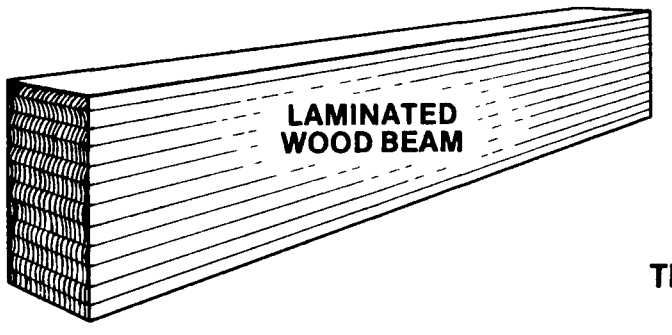

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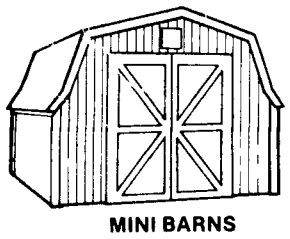

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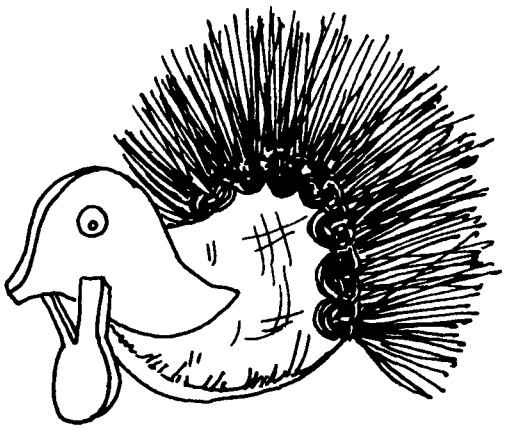
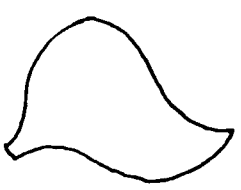


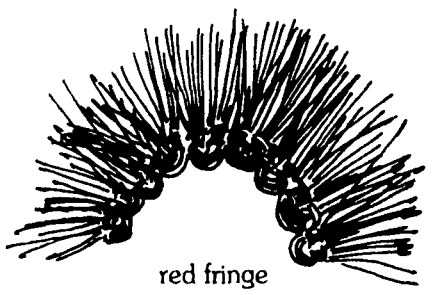
Turkeys on the Table

Invite a whole flock of turkeys to decorate your Thanksgiving dinner table. To make one of these nutty turkeys, you'll need a Brazil nut, 3" of red curtain fringe (from a fabric store), a 3" square of red felt, two eyes for the turkey (paper, felt, beads, or whatever), scissors, and some very strong non-toxic glue.

Glue the tail fringe onto the Brazil nut (see drawing). Cut out two pieces of felt from the head pattern. Glue the head pieces to the nut (see drawing above). Cut out a "beard" and glue it to the head (see drawing above). Glue on eyes. Make as many Thanksgiving turkeys as you like!


head pattern

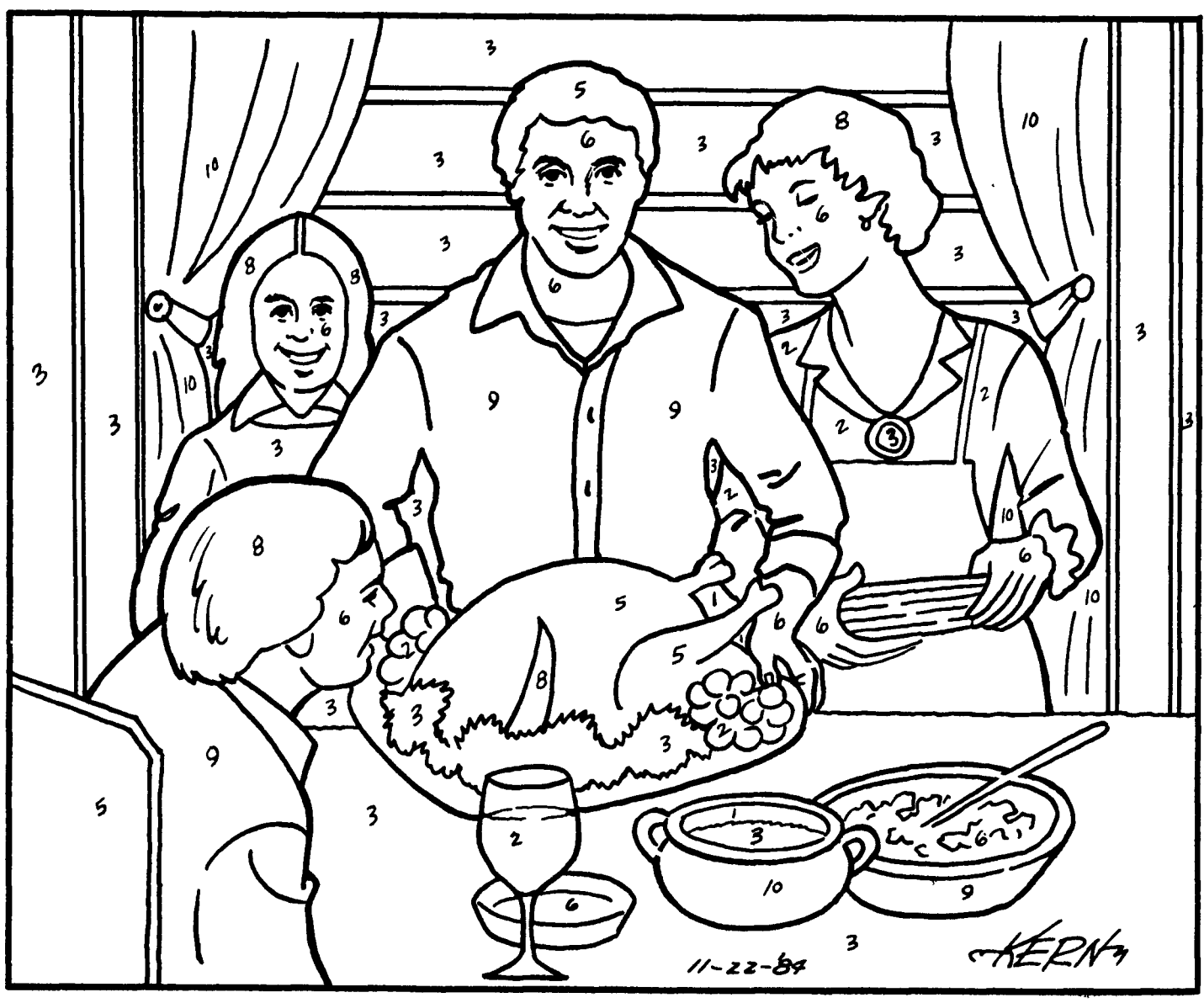
beard pattern


red fringe

COLOR THIS!

1.	BLACK	6.	PEACH
2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

THANKSGIVING IS A DAY SET ASIDE EACH YEAR WHEN PEOPLE GIVE THANKS WITH FEASTING AND PRAYER FOR THE BLESSINGS THEY HAVE RECEIVED DURING THE YEAR. THIS DAY IS A FAMILY DAY CELEBRATED WITH BIG DINNERS AND JOYOUS REUNIONS. ON NOV. 26, 1789 PRES. WASHINGTON ISSUED A PROCLAMATION FOR A DAY OF THANKS.



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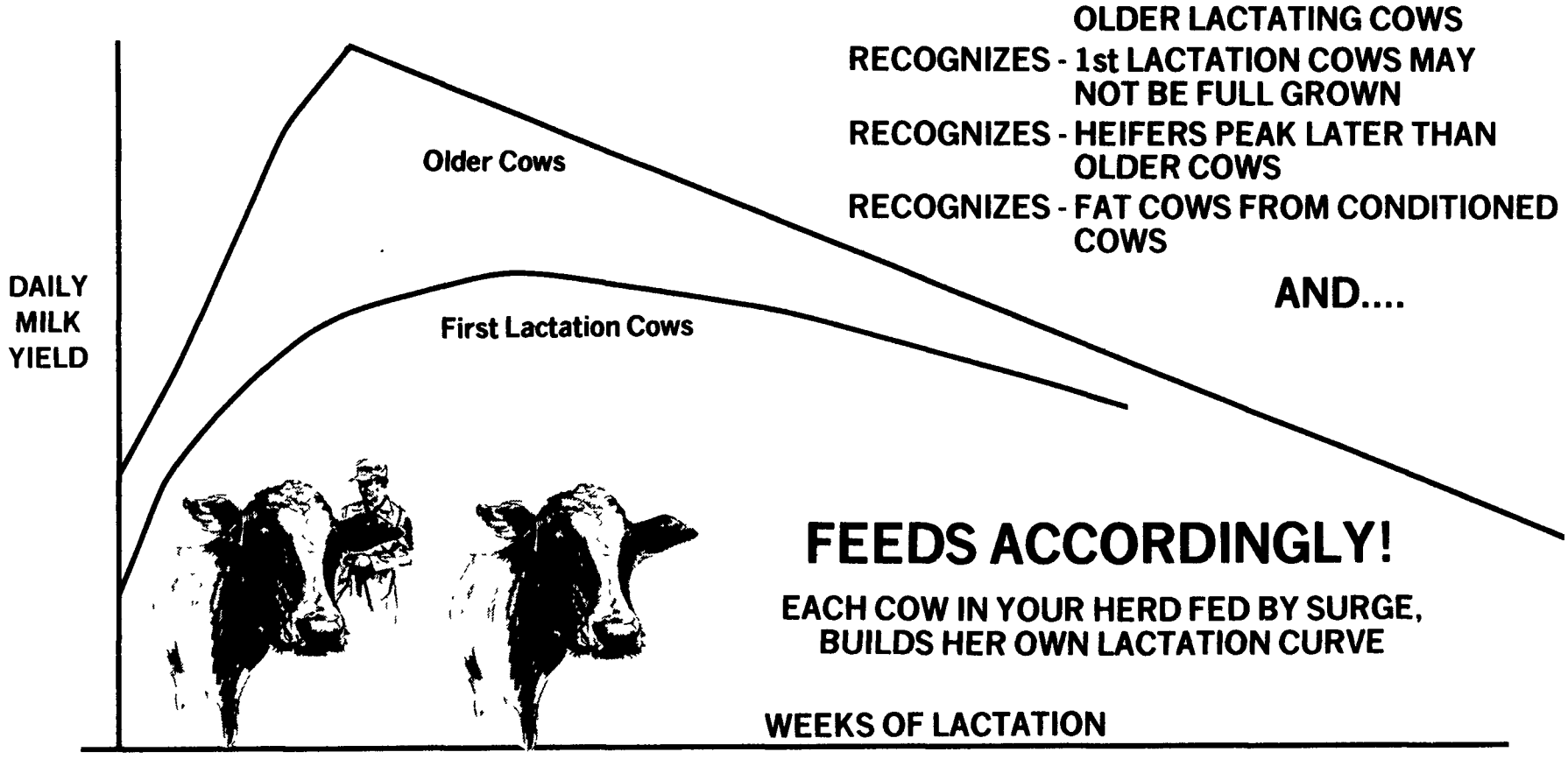

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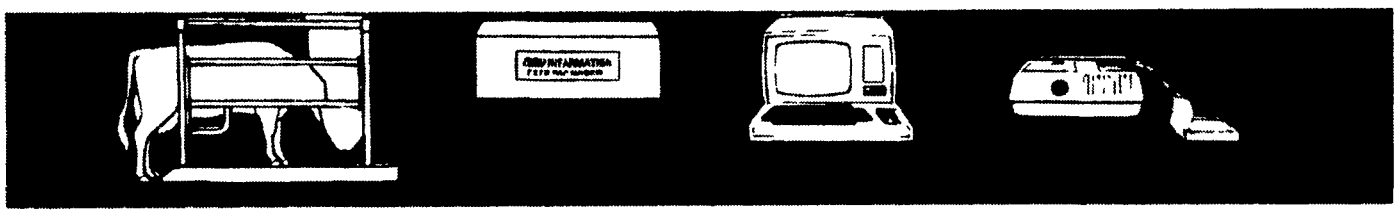

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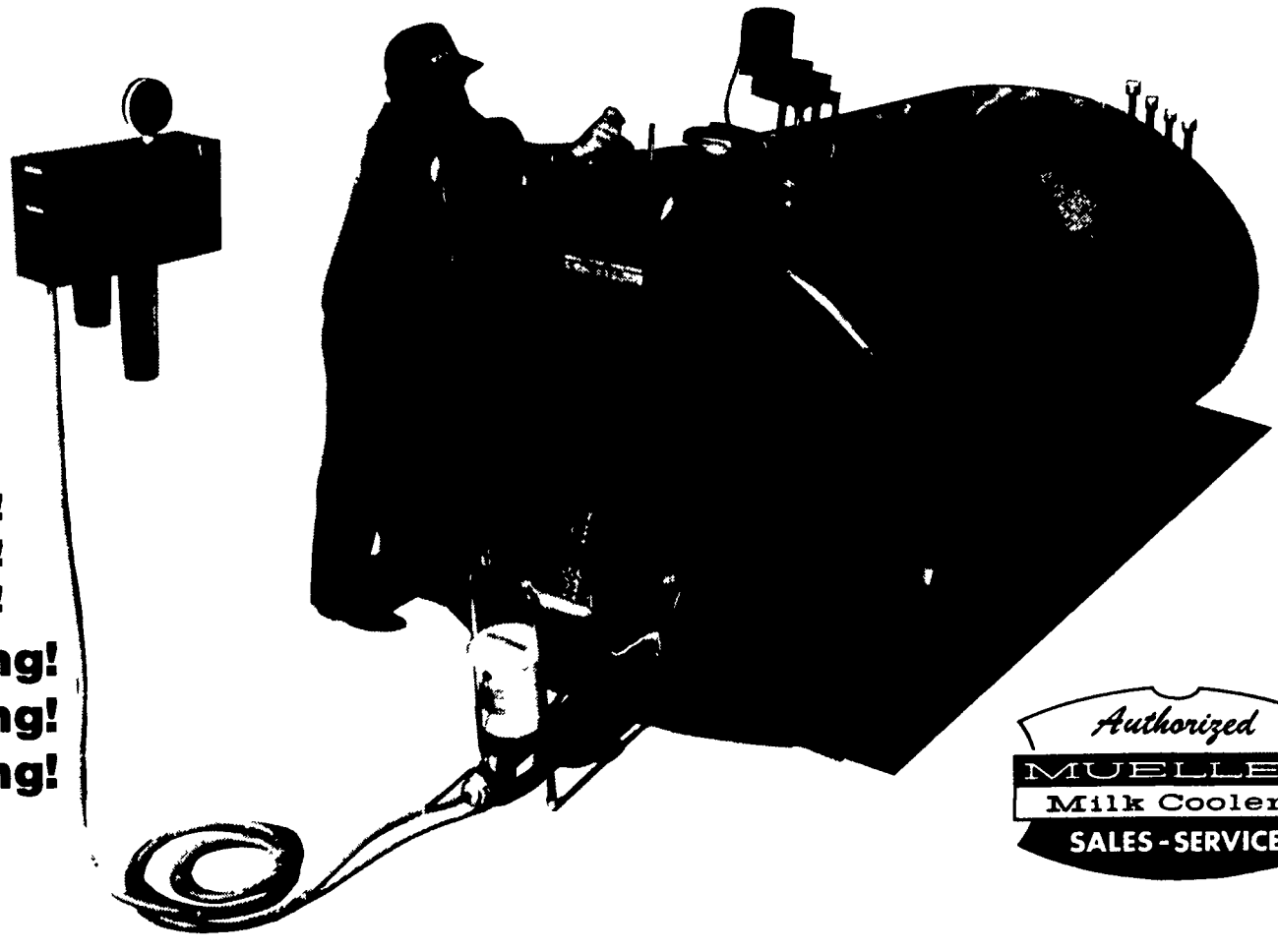

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Ida's Notebook

Ida Risser

November is hunting season. We've had quite a few fellows walking through our fields and woods recently. This year there are plenty of rabbits and squirrels but few, if any, pheasants. We've been too busy to hunt at home, but one hunter gave us a skinned rabbit.

Not everyone hunts in the fields. Quite a few hunt from boats and canoes as they hope to get wild ducks or one of the seven wild geese that were raised in our meadow.

One of these hunting expeditions turned into quite an expensive episode for two canoeists. You see, these two fellows upset in the Conestoga and lost their guns. One cold evening when they walked up through the meadow to our house in their "almost birthday suits" I was shocked. Swimming at this time of year did not make sense. After repeated diving over several days, including help from professional scuba divers, they finally recovered their precious guns.

A break in my routine of cooking, baking, shelling lima beans and cracking nuts came when I spent a day working at the polls during the recent election. It was a long day but a definite change as I had an opportunity to see many friends and neighbors.

During the 14-hour day, I registered over 700 people. Some folks became quite impatient when the lines were long in the morning and they feared being late for work. There are always more people willing to make the effort to vote during a presidential election than during a primary. The absentee ballots, which must be tabulated at the end of the day, always take extra time. But it is all worth the effort.

Virginia youth named top livestock judge in KILE contest

HARRISBURG—Virginia boasted the top individual and top collegiate team in the intercollegiate and Junior Livestock Judging Contest conducted at the 28th Keystone International Livestock Exposition.

Lee Brown of Purcellville, Va., was selected recipient of The Max Smith Award for his first place showing in individual overall judging encompassing three areas—sheep, swine and beef cattle evaluation. A total of 36 contestants from eight states competed in the junior phase of the contest.

Meanwhile, a team from Virginia Polytechnical Institute captured overall honors in the team phase of competition. Eight collegiate teams participated in the annual event.

A rundown of the individual placings in the contest is as follows: 1. Lee Brown Purcellville, VA; 2. Saralyn Porter, Grace, KY; 3. Bret Unger, Peebles, OH; 4. Bruce Bassler, Elliott City, MD; 5. Jan Waltz, Manheim, PA; 6. Tracey Braxton, North Carolina; 7. Denny Sells, North Carolina; 8. Michael Gardner, Cave City, KY; 9. Lisa Johnson, Maryland; 10. R. Raines, Englewood, OH.

Team placings were: 1. Virginia, 2. Ohio, 3. Kentucky, 4. North Carolina, 5. Maryland.

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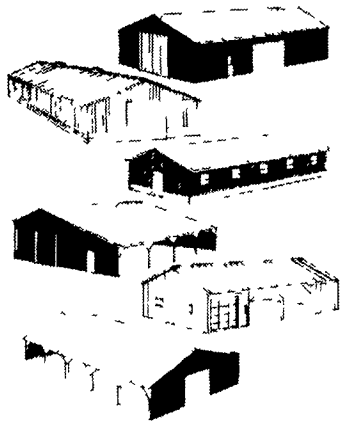

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Montgomery Co. extension offers space heating seminars

NORRISTOWN — "Space Heating Alternatives" will be the topic of two free evening seminars for homeowners to be held from 7 to 9 p.m. on Tuesday, Nov. 27 at the Montgomery County-Norristown Public Library, Norristown and on Thursday, Nov. 29 at the 4-H Center, Lansdale.

The programs will address the pros and cons of woodstoves and fireplace inserts, kerosene heaters, gas and propane heaters plus electric space heaters. Instructor for the programs is local space heating expert Will Hartzell.

These seminars are a free public service sponsored by the Montgomery County Extension Service in cooperation with the Pennsylvania Energy Center to assist homeowners considering the use of supplemental space heaters.

Pre-registration is encouraged by contacting the Pennsylvania Energy Center toll-free at 1-800-HOT-TIPS or the Montgomery County Extension Service at 215-277-0574 for the Lansdale program.

Penn State Extension Service offers programs on a non-discriminatory basis to all persons without regard to race, color, sex, creed, National origin or age.

Newcastle in Hawaii

WASHINGTON, D.C. — Exotic Newcastle disease – a deadly virus affecting birds – has been confirmed in two pet birds in Aiea, on the Hawaiian island of Oahu.

Both birds, a Moluccan cockatoo and a cockateel, died as a result of the disease, according to Keith Hand, a veterinarian with USDA's Animal and Plant Health Inspection Service.

USDA is investigating the origin of the infection, he said.

Exotic Newcastle disease is a bird and poultry virus that can cause death rates of 50 to 95 percent. It can be rapidly transmitted from bird to bird and premises to premises. The disease poses no health risk to people who eat poultry and eggs; however, it can cause a transitory eye inflamation or flu-like symptoms in people who handle infected birds.

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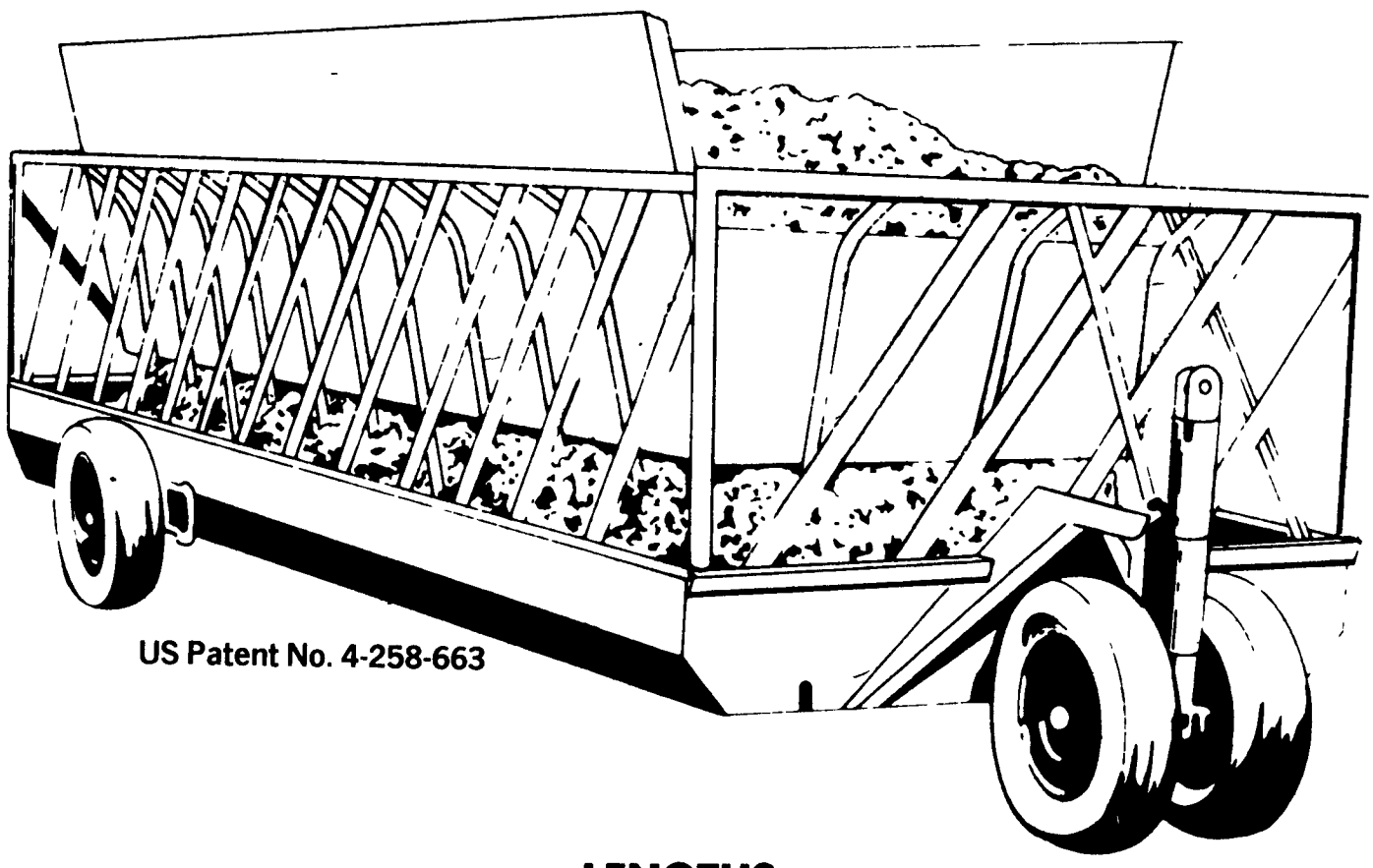

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INTERCOURSE, PA

York farmers open doors to visitors on Farm City Tour

BY JOYCE BUPP
Staff Correspondent

YORK — A cross section of York County agriculture goes on display tomorrow, as six farms in the York New Salem, Spring Grove area open their doors to visitors on the annual Farm-City tour.

Sponsored by the Agri-business committee of the York Area Chamber of Commerce, the tour highlights the annual Farm-City week activities while focusing public attention on food and fiber production.

Along with production facilities opened for inspection at the various farms, local related commodity groups will be on hand at some sites with food samples and recipe handouts.

Farms to be visited are Stump Acres Dairy, Ronald Workman swine breeding, the Greg Strausbaugh sheep operation, Twin Pine Farms with beef, butchering and fresh produce, Dave Sprenkle beef breeding and feedlot, and the Paul and Chris Hurlbert horse farm.

A hundred head of top-producing registered Holstein cows, along with calves and heifers, fill the attractive dairy production and raw milk retailing centers at the Stump Acres dairy operation.

Joe Stump's dairying career began at age 16, when his father died and the young man assumed the care of the family milking herd on the home farm west of York. In 1967, Stump, his wife Glendora and their four children built their spacious free-stall milking parlor and retail store facility just outside York New Salem.

Herd average is one of the county's tops, at over 18,700 milk and 759 fat, with a four percent fat test. Cropland covers 1200 acres, owned and rented, planted to corn hay, wheat barley and oats.

Sales of registered breeding stock have put the farm's homebreds in numerous states and other countries. In recent years, Stump has developed the popular sire Keystone Elevation Camaro, leased to Select Sires.

Other family members involved in the operation are son Dennis, the herdsman, and his wife Charlotte, son Terry, employed full time on the farm, and nine-year-old Katrina who lends a hand at the retail store. Eldest daughter Sherrilynn is a registered nurse. Also on hand to greet visitors will be Stump's long-time farm field manager Jerry Yohe, with the family operation since he was a teenager.

Dairy princess Judy Perry will be available to welcome guests as well and answer dairy-related questions.

Since anyone who enters the Ronald Workman swine confinement house must first shower, tour visitors will view this closed environment farrowing set-up through the picture windows that overlook the facility from the barn's office.

A herd of 240 cross-bred sows farrow twice yearly, keeping the farrowing rooms full year round. Litter weaning average is a commendable ten pigs per sow. From the gestation rooms, piglets move to the nursery, where they are raised until they reach 50 pounds. Feeders at this weight then go to a separate facility for finishing.

Pork producer Ron Workman and herdswoman Deb Orr check the feeding system bins outside the Workman's 240-sow controlled environmental farrowing house.

Herds woman Deb Orr assists Workman with herd management and record keeping at the office,a and record keeping at the office, and will have on display a layout of photographs of the hog raising procedures. Mike Tome is in charge of all the farm's maintenance activities.

The Workman's have been in business at their Spring Grove R1 location since 1979, and the family also includes wife Diane, Brian, 11, and Bille Sue, 9.

York Pork Producer members will answer questions and distribute literature on pork nutrition and preparation.

Greg and Chris Strausbaugh's 45-acre sheep farm at York R6 focuses on the breeding and raising of purebred Dorsets. A flock of 50 ewes are lambed both spring and fall, the foundation of the total 125 head on display.

Visitors will enjoy as well two burros that the Strausbaughs recently adopted from the Wild Horse and Burro Center at Lewisberry. Another attraction is their Giant Pyrenees puppy, a breed of dog especially developed to protect flocks of sheep from predators.

A shearing demonstration at the Strausbaugh farm features professional shearer Carl Kauffman of Bedford County. County 4-H Lamb Club members are planning a food sales stand and samples of lamb bologna will be available for tasting.

Driving up the lane, past a pond called home by the farm's geese, farm tour guests stopping by Twin Pine Farm will wind around a small pear orchard on their way to the main feedlot and butchering facility.

From this neatly-kept Seven Valleys R1 cow-calf to finish operation, with its variety of fresh produce and speciality butchered meats, the Robert Ilyes family has been retailing at local farmers'

(Turn to Page B15)

Home-style honey sweetened bolognas are customer favorites at the Ilyes family's Twin Pine beef and meat production business. Daughter-in-law Neta Ilyes hangs bolognas just off the processing line.

Lebanon Co. hosts Pa. Farm-City Week kick-off luncheon

BY SUZANNE KEENE

LEBANON — Pennsylvania farm products, commodity queens, industry representatives and lots of laughter provided all the necessary ingredients to get Pennsylvania Farm City Week off to a running start.

Hosted by the Lebanon Valley Chamber of Commerce, this year's Farm City Week Kick-Off Luncheon was held at the Lebanon County Area Vocational Technical School at noon on Nov. 9.

Farm-City Week is a week-long series of activities aimed at bringing about better understanding between rural and urban people, while at the same time focusing on the variety and quality of Pennsylvania's farm products.

Following a delicious luncheon featuring Pennsylvania farm products, Deputy Secretary of Agriculture E. Chester Heim shared Gov. Dick Thornburgh's proclamation declaring the week of Nov. 16-22 Pennsylvania Farm-City Week.

"Pennsylvania's 59,000 farm families and its thousands of agribusinesses make agriculture the state's number one industry and the single largest source of jobs in the Keystone state," Heim read from the proclamation. "Truly, the joint effort of our farms and cities is part of a 300 year heritage that continues to grow stronger year by year."

Lancaster County native Betty Groff, a noted restauranteur and food writer, was present to add her touch to the affair. Betty and her husband Abe, operate Groff's Farm Restaurant, the internationally famous four-star restaurant and the historic Cameron Estate Inn in Mount Joy.

They also manage two dairy operations including 160 milking cows.

Betty urged business and agriculture leaders to work together to make Pennsylvania a better place to live. "I'm proud to be a Pennsylvanian, but mostly I'm proud because we can all work together so well," she said.

She shared a number of her restaurant and farm experiences with a delighted audience of members of the Pennsylvania Farm-City Council, representatives of the Pennsylvania Department of Agriculture, Pennsylvania commodity queens and business representatives.

(Turn to Page B16)

On hand to help kick-off Farm City Week were from left Deputy Secretary of Agriculture E. Chester Heim; Dalton E. Paul, Pennsylvania farm-city council chairman; Betty Groff, honorary farm-city chairman; and Dave Walls from the Lebanon Valley Chamber of Commerce.

York farmers

(Continued from Page B14)

markets since 1952. Tuesday, Thursday and Saturday, as early as 4 a.m., they're unloading at the downtown Central Market, while Friday means a full afternoon and evening of sales at the Eastern market.

Fresh meats, from home-raised cattle right off the feedlot, are prepared year-round at the modern processing facility adjacent to the barns. One of Twin Pine's customer favorites is their own honey-sweetened bologna, also marketed to a limited number of Lancaster retailers.

Seasonal produce covers the spectrum of locally-grown items, with potatoes, sweet corn, tomatoes, cantaloupes and melons all moved from field to market in hours. The pear orchard, and a more recently planted plot of peach trees, add fruits to the array of farm-fresh offerings to market shoppers.

In addition to the produce crops, the Ilyes' raise hay and grains for feedlot use, and just recently acquired a hog production facility.

Truly a family farm, the production and sales staff at Twin Pine includes Ilyes and his wife Jeannine, sons Robert Jr., Dennis and his wife Neta, and daughter Deanna.

Angus cattle, in all sizes, are the center of attention at the Dave Sprenkle III farm at Spring Grove R4.

Crops grown on the 160-acre general farm are alfalfa, mixed hay, corn, wheat and barley. Bulk of the crop production goes into feed rations, with extra yields over needs for the cattle sold on the open market. Forages are utilized both as sealed-unit haylage and round-bale dried hay. "Big bale" handling equipment on display in fields near the feedlot should be of special interest to visitors.

The Sprenkle's breeding herd consists of 38 brood Angus cows, 15 heifers and a half-dozen calves. Steers of various sizes are being grown and finished in the feedlot area.

An afternoon of "horsing around" is planned at Woodberry Farms, an equestrian art teaching center, with more than two dozen horses.

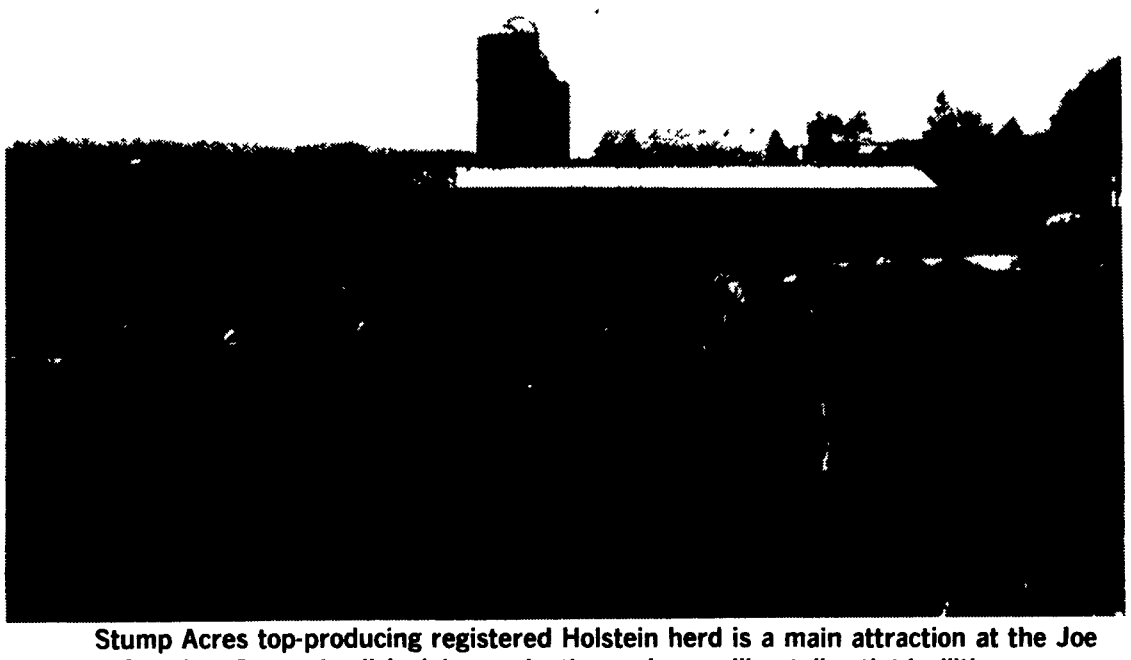
Owners of the York R10 farm are Mr. and Mrs. Paul Gilbert, while their daughter and son-in-law, Chris and Paul Hurlbert, have operated the riding instruction school for seven years.

Equestrian instruction specializes in hunter and hunter seat equitation, with classes ranging in skill from very young beginners, through advanced juniors using both ponies and horses, and up to lessons for adults in both pleasure and competitive riding.

Chris Hurlbert, in charge of the equestrian program, has planned an afternoon of continuing demonstrations, with her students practicing their skills in various phases of competition horsemanship.

Show preparations will focus on clipping, braiding, and the measuring of horses, a "finished" display, with animals clipped and braided, and a rider dressed in the full competition attire, and riders actually performing the various functions that are part of ring competition.

All farms taking part in the Farm-City tour will be open to the public from 1 through 4 p.m. There is no set order in which farms must be seen; tour participants travel in their own vehicles and stop at their leisure, and may view as few or as many of the individual farms as they choose.



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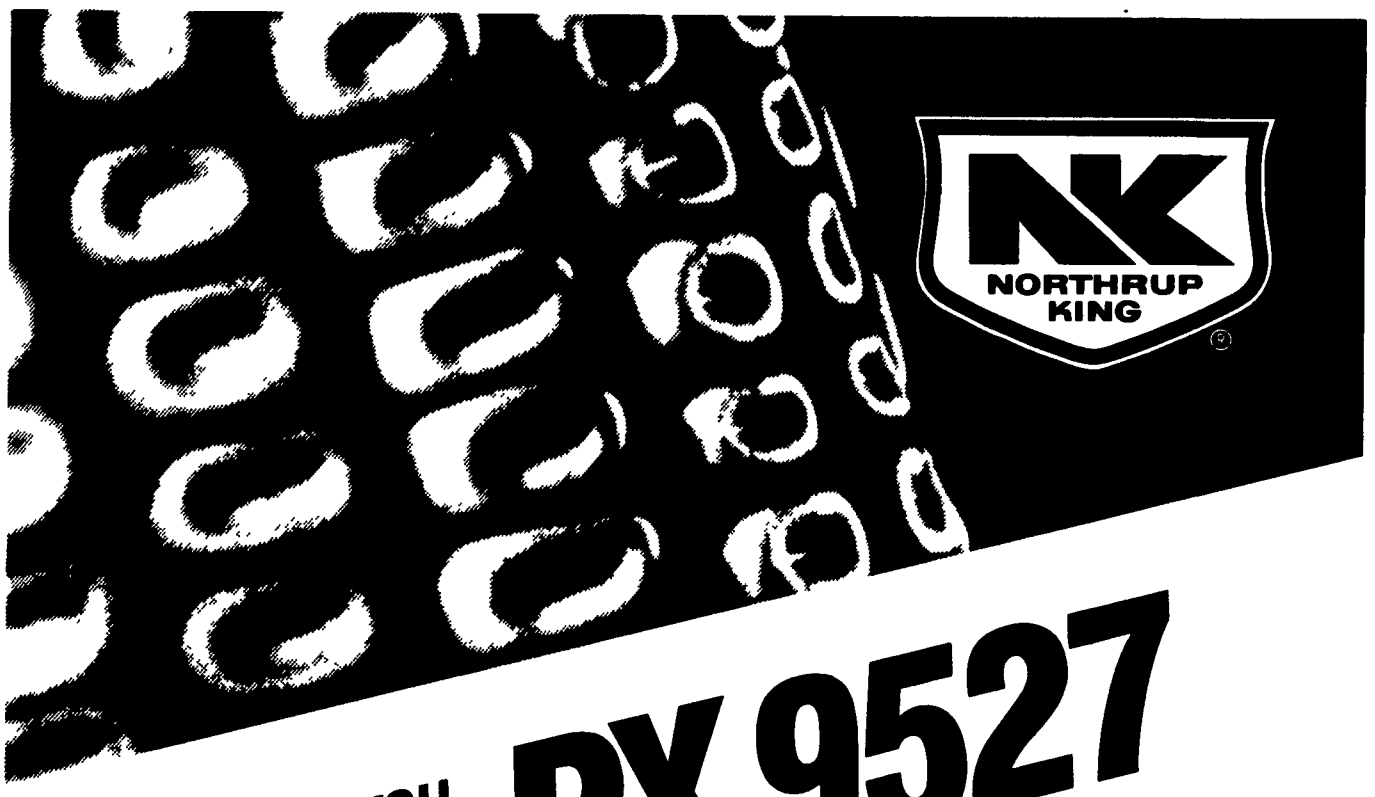

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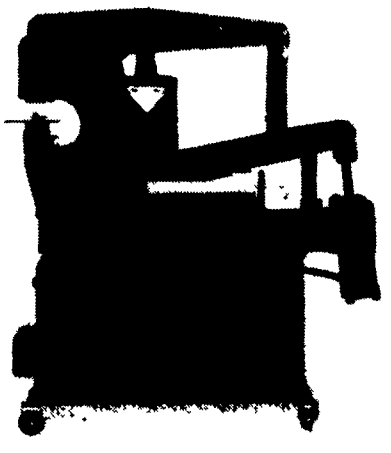

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Pa. Farm-City Week

(Continued from Page B'14)

Having entertained quite a few tourists in her farm restaurant, Betty has often observed first hand the lack of knowledge about the farm community. She cited an example of a New York City woman who could not understand why the Groff's had only 24 bulls for 35 cows.

"We've got to keep that communication line open," she said, driving her point home. "It's time we show them that we're not that backward."

Other farm-city week events in Lebanon County included a mall promotion at Lebanon Valley Mall, senior citizens' farm tour, farmers' tour of industry, a business people tour of farms and a closing farm-city banquet.

Other counties across the state will be having similar activities during the coming week, Nov. 16-22.

Pennsylvania commodity queens attended the Farm-City luncheon to remind guests of the abundance of the state's agricultural products. Here they pose with Betty Groff, a Lancaster County native who operates Groff's Farm Restaurant. From left they are: Pa. Candy Queen Nancy Hartz, Pa. Potato Princess Melaine Lyter, Pa. Poultry Queen Jacki King, Betty Groff, Pa. Mushroom Queen Angela DeProspero, Pa. Dairy Princess Lynette Loper, Adams Co. Apple Queen Missy Showers and Alternate Dairy Goat Youth Representative Sue Miller.

Berks Co. Council plans dance

LEESPORT—The Berks County Council will be holding a dance from 8 to 11 p.m. on Saturday, Nov. 24 at the Berks County 4-H Community Center.

Tickets will be available at the door. Tickets for adults are $2 and $1 for children. Music will be by "Daybreak." The public is invited to attend.

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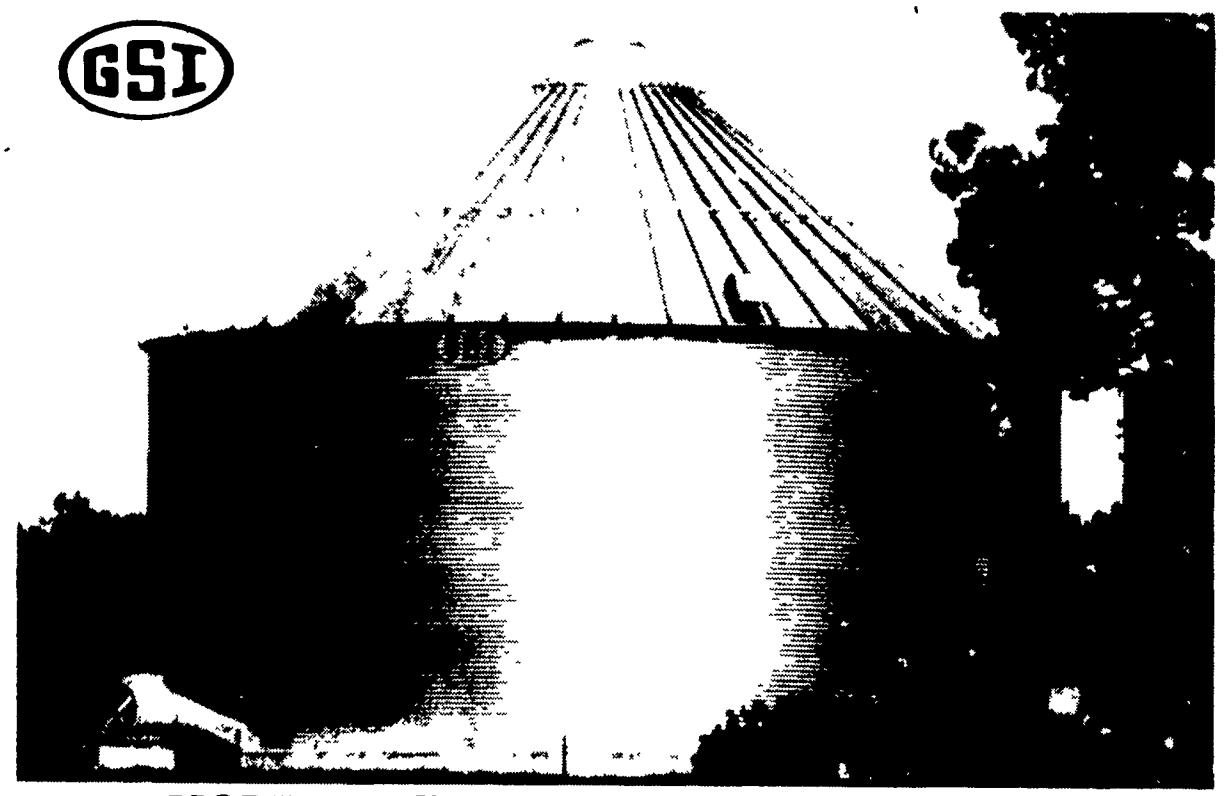

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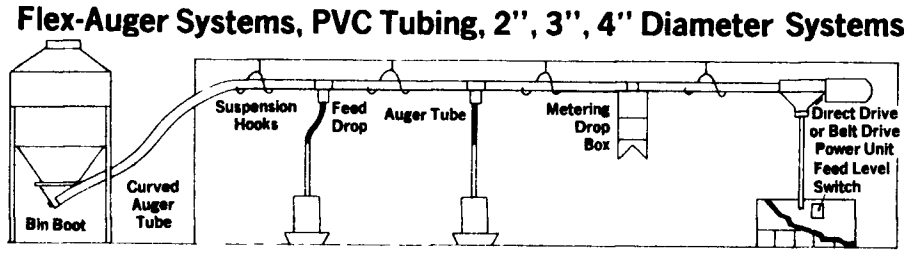

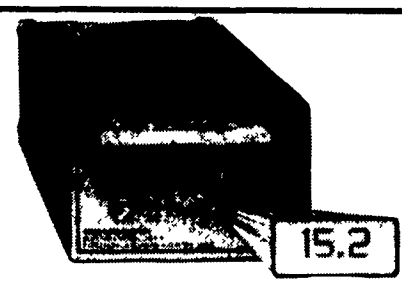

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Farm Women Societies

Berks Society 4

Berks Society 4 held their monthly meeting at the home of Mrs. Jean Waldo.

Mrs. Joan Leob will install new officers at the next meeting, which will be held at the Ben Franklin Inn on Dec. 4. This meeting will include the group's Christmas Party and a gift exchange.

A Tupperware program was given after the meeting and everyone received a gift. After the demonstration, lunch was served by hostess Mrs. Jean Waldo of Boyertown.

Lancaster Society 28

Lancaster Society 28 met on Oct. 25 at the home of Velma Hess. Cohostess was Ruth Mellinger.

The State Convention will be on Jan. 14 and 15 in Harrisburg.

The program for the evening was stenciling, with each member completing a project.

Berks County Executive Board

The bi-monthly meeting of the Berks County Farm Women Executive Board was held recently at the Berks County Agriculture Center with president, Joan Loeb, presiding and 18 members present.

Arrangements were made to have the annual hoedown on Saturday, Nov. 4 at the 4-H building.

All County women who made a craft project will receive ribbons at the State Convention in Harrisburg.

The 1985 Spring Rally will be held on May 22 at the Ramada Inn in Hagerstown, Md. Arrangements are being made to rent a bus for this trip. The 1985 State Convention will be held at Harrisburg on Jan. 14 and 15.

The board will meet again on Jan. 7 at the Agriculture Center.

Lancaster Society 1 honors charter member

Lancaster Society 1 celebrated the 100th birthday of their charter member Barbara Moore at their meeting in Lititz on Saturday.

The society presented Barbara with a birthday cake decorated with the hollyhock - the farm women symbol.

Thirty-three members answered roll call by telling a memory of an incident in their lives involving Barbara and of how much help and inspiration she has been. Each member also prepared a page of a birthday book which the president presented to her.

Barbara was also surprised with a bouquet of balloons, and Mary Kreider told a delightful humerous story of Barbara's early life.

Hostess Jean Newcomer and Viola Wolf presented her with a special cake which everyone enjoyed with ice cream and coffee.

Delegates for the State Convention will be Mary Clark and Marian Fuhrmar.

The December meeting will be at the home of Martha Stoner on Dec. 1 at 1:30 p.m.

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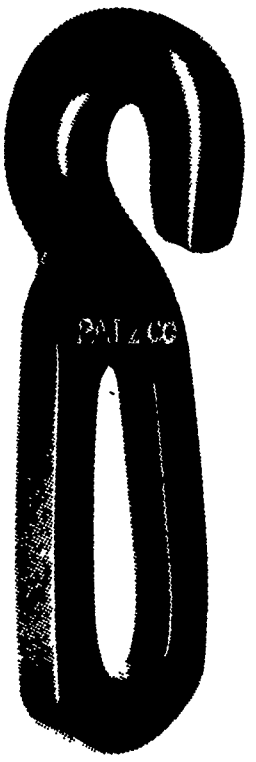

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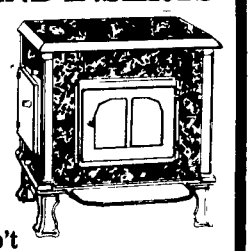

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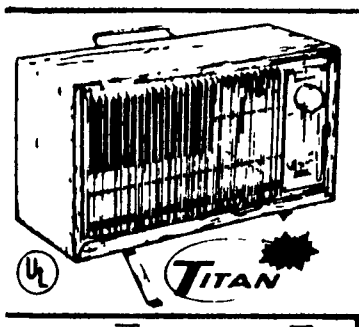

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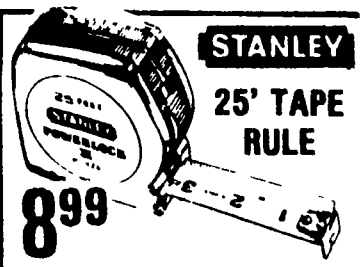

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NE dairy exhibitors spotlighted at NAILE

Gala Jersey Jug Futurity is NAILE'S 'formal affair'

(Editor's Note: Lancaster Farming correspondent Donna McConaughey traveled to Louisville, Ky. last week for the North American Livestock Exposition. On these two pages are her stories about dairy exhibitors from Pennsylvania, Maryland and New York and about the Jersey Jug Queen.)

LOUISVILLE, Ky.—The lights dim, the crowd hushes and the spotlight shines on contestants as they enter the coliseum. The tuxedoed judge and the escorts in white begin their work.

While this event is a beauty contest, the contestants are not pretty girls, they are Jersey cows.

The National Jersey Jug Futurity, considered to be the top futurity of its kind by the dairy registry—and other breed registries as well—is in its 31st year. The Futurity pits three-year-old cows against each other in a high-stakes contest.

The entrants are nominated as calves and pay a fee when nominated and once a year for the next three years. The nomination fee funds the event while the other fees are earmarked for the premium fund. First prize for the 1984 Jersey Jug Champion was $1,200, and the pot is sure to grow for future shows.

The Jersey Jug Futurity got its name and start from the Little Brown Jug, the internationally famous harness race for three-year-old Standardbred pacers. Russell White, of Galena, Ohio, watched the growth of the harness futurity and after attending a Jersey show in Plain City, Ohio, became interested in organizing a futurity for Jersey breeders. The purpose of this show would be to stimulate more interest in the Jersey breed and to further the enjoyment of owning Jerseys.

The name Jersey Jug was selected not only for its thought association with the Little Brown Jug but also because of the metal containers which the dairymen on the Island of Jersey formerly used to hold and transport milk.

In 1954, White's idea became reality. The first Jersey Jug Futurity was held in a tent in Delaware, Ohio. While the first show was only marginally accepted with 24 females, and 12 bulls entered, it was the beginning of White's vision of the ultimate show: glamorous, suspenseful, and most important of all, exciting to breeders and audiences.

By the time the Jug moved to the Ohio State Fair in 1956, it was drawing exhibitors and spectators alike. Then, in 1959, the Futurity became a national event with sponsorship coming from The American Jersey Cattle Club as part of the All American Show and Sale.

Executive secretary of the American Jersey Cattle Club, James Cavanaugh said the present day Jersey Jug competition is the Kentucky Derby of the cattle world. It is held each year in conjunction with the North American International Livestock Exposition. Using money generated from the initial nomination fee, the Jug committee creates a three-hour production featuring queens, huge silver trophies, colorful green banners, white and green robed leadsmen and of course, fine Jersey cows.

Ruth McCarthy of Jefferstown, Ky., coordinates the pageantry of the show. "We try to outdo ourselves every year", McCarthy said. "We, of course, have a limited budget, but during the past few years, we've used draft horses and wagons, vintage cars, horse drawn carriages, and this year Corvette sports cars to lead the parade of entrants."

Creating the aura of the show is a major part of the committee's work. They attribute the Futurity's success to the glamour of the show.

"The Jersey people said 'let's have some fun', so we have created

(Turn to Page B19)

Winning this year's Jersey Jug Futurity was Gil-Bar Unique Bonnie, exhibited by Shamsie Ranch and Pinehurst Farm and Robert Fisher of Louisiana, Texas and Ontario, Canada.

Md. Holsteins score high marks in jr. dairy show

LOUISVILLE, Ky.—Maryland junior exhibitors represented their state well in dairy competition at NAILE.

In Holstein competition, Michael Iager of Dulton, Md., took home first place honors in the two-year-old class. His daughter of Ocean View Sexation was a home-bred cow. In the open show Pinky won second place honors.

A second place was won by Gus Schwartzbeck of Union Bridge, Md., with his senior calf, Del Myr Able Sophie. A daughter of Del Myr Valiant Able, this senior calf placed fourth in open competition.

Maryland's other entry in Holstein competition was Artie-Jay Astronaut Christine, a junior yearling shown by Robert Johnson of Dickerson, Md. This Paclamar Astronaut daughter was fourth in both the junior and open shows.

Maryland also exhibited several head in the All-American Jersey Junior Show. Susie Heath of Westminster, Md., placed fifth with her summer yearling and tenth with her senior calf. In the intermediate calf class, Thomas Mullineaux of Keymar showed Gaywinds Stardust Blossom to win a tenth place award. These awards were garnered in the biggest ever All-American Junior Jersey Show which is "the" National Jersey Show.

The Maryland junior string included a Brown Swiss summer yearling owned by Stacy Bassler of Rocky Ridge, Md. This home-bred daughter of H. Brigeen Elegant Lou placed second in junior competition and eighth in the open show.

Maryland was represented in Holstein competition by exhibitors (left to right) Bobby Johnson, Gus Swartzbeck, and Mike Iager. They are shown with Mike's top two-year-old.

Susie Heath is at the halter of the second place Brown Swiss summer yearling owned by Stacy Bassler of Rocky Ridge, Md.

Pa. Ayrshire named NAILE Jr. Champion

LOUISVILLE, Ky.—Ayrshire competition at the 1984 NAILE included three exhibitors from Pennsylvania who traveled to Kentucky for the southern National Ayrshire junior and open shows.

Continuing Pennsylvania's strong representation was the Hunter family of Washington County. Their top animal was a senior calf named junior champion of the junior show. Pictured are: Shelli and Richard Hunter, and Pam Pedigo, Kentucky Ayrshire Queen.

Pennsylvania exhibitors brought home a championship in this breed. Richard Hunter of West Alexander in Washington County exhibited the junior champion female. Toll Gate Ayr. Hammond Sheena, a senior calf out of Hammon Oracle, claimed this honor. In addition, she received first place in the Best Bred and Owned class. Sheena was also recently named the junior champion of the Pennsylvania All-American Open Show this year.

Richard's sister Shelli exhibited an intermediate calf which placed ninth in the junior show.

The Hunters farm a 420-acre dairy farm. This operation is owned by Richard's father, uncle, and grandfather. The milking herd consists of 20 Holsteins and 60 Ayrshires, all registered. The senior calf represents a three generation cow family owned by Richard.

Also exhibiting in the junior Ayrshire show was Amy Kline of Mars, Pa.

Palace Ayrshires of Cochranville competed in the 1984 Southern National Ayrshire Open Show. Their winnings included second place three-year-old and third place two-year-old.

Carol Dreisbach succeeds sister Patty as Jersey Jug Queen

In an unprecedented move the judges selected Carol Dreisbach to succeed her sister Patty as the 1984 Jersey Jug Queen.

LOUISVILLE, Ky.—The Jersey Jug Queen Contest brings together outstanding young women from across the nation in competition to choose the one who will represent Jersey breeders throughout the country.

In an unprecendented move, the judges chose Carol Dreisbach of Hamburg, Pa., to succeed her sister Patty as the 1984 Jersey Jug Queen.

This year's contest saw 23 contestants vying for the coveted title. Like the 1984 All-American Jersey Show, the queen contest was the biggest in the history of the All American Jersey Cattle Club.

The judges were Mrs. James Cavanaugh, Elvis Donaldson, and Pat Wickstrom. They scored each contestant according to her achievements (50 percent), knowledge of the breed (25 percent), and poise and personality (25 percent). After determining these scores the judges observe all the contestants as they make a one minute presentation to the audience at the contest.

Based on the delivery of these informal presentations the judges selected the winner from among the finalists.

As 1983 Queen Patty Dreisbach made her final comments she reflected on her reign. "It's hard to believe it's been a whole year." She shared with the 1984 contestants, "you won't forget the people you've met and the friends you've made tonight."

As Patty made these comments she didn't realize that the evening would hold an unprecedented experience as she crowned her sister the 1984 Queen.

But, indeed, Patty did crown her sister Carol the 1984 Jersey Jug Queen. The daughters of Dr. and Mrs. Robert Dreisbach, Patty and Carol have been very active in the Jersey breed, and in the dairy industry.

The first runner-up was Patty Spahr of Ohio and second runner-up was Elizabeth Senn of South Carolina.

Jersey Jug Futurity

(Continued from Page B18)

a really great show through the use of effects and top cows," Cavanaugh said.

Breeders apparently like the Futurity's embellishments and quality because entries have skyrocketed. Over 700 nomination forms are expected to be filled for the 1987 show. Of these, about 10 percent will show in the 1987 Futurity.

Cavanaugh said the event has changed over the years, not only in numbers, but also in ownership of the animals. "Twenty years ago we had mostly wealthy owners participating in the Futurity", he said. "Now most of the animals are owned by farmers who have no other income except from the farm."

With the highest premiums offered in the United States, and possibly in the world, top competitors are showing more interest than ever.

"The National Jersey Jug Futurity offers two things no other futurity or show can match—top quality premiums paid for top animals and all the glamour, elaborate decorations, pageantry and beauty ever displayed for a cattle show. We have it all right here", Cavanaugh said. "And it keeps getting better".

The 1984 edition of the Jug included 80 entries shown out of the original 800 head entered. This year's class was the largest ever.

The winner of the Jug was Gil-Bar Unique Bonnie, exhibited by Shamsie Ranch and Pinehurst Farm and Robert Fisher of Louisiana, Texas, and Ontario, Canada. She was sired by Cil-Bar Snowlad Unique.

The New York Dairy Bowl Quiz team took top honors at the NAILE Invitational.

NY team earns 'A-Plus' on NAILE 4-H Dairy Quiz

LOUISVILLE, Ky.—A team of New York 4-H'ers topped competitors from 17 other states to claim first place in the 1984 North American Invitational 4-H Dairy Quiz Bowl.

The teams covered all regions of the nation, from Washington to the New England states. Competition was stiff among these teams, representing the best competitors from each state.

The New York team claimed the top prize after two days of hard work. Janice Fimgar, team coach, credited the depth of experience and team work for her team's win. Janice pointed out that the team gained bonus points if three of the members answered a question in a round. The New York team received bonus points in nearly every round which maintained a constant boosting of their score.

Perhaps one of the most commendable strengths of this team was its team effort. The four members had never judged together before. They got to know each other and practiced together for the first time on the auto ride to Kentucky. In fact, they had competed against each other in other contests. However, they exhibited a unified effort that was impressive to all who observed.

The New York team was composed of Randy Ooms of Old Chatham, Paula Knapp of Hyde Park, Diane Sutherland of Delhi, and Henry Sandefer of Rome. These four were the top individuals in competition at the New York State Fair which qualified them to participate in this contest.

Coach Fimgar was very impressed with the team's depth of knowledge. She credits much of that to the years of experience these teen-agers have had. Janice said, "You start them at nine or 10 and they are memorizing answers then, but as they get older they really know and understand the information they have studied".

This is not the first win for New York in dairy bowl contests. New York also had the national champion in Holstein Quiz Bowl competition.

Bedford Co.'s McDonalds top Jr. Guernsey Show

LOUISVILLE, Ky.—The NAILE Guernsey show included one representative from Pennsylvania. Green Slopes Farm, owned by Galen McDonald and Family of Imler, Bedford County, exhibited two head.

Although small in quantity, these entries were high in quality. Green Slope's intermediate heifer calf took first place in the National Junior Guernsey Show. Green Slopes Grettle Garnet was shown by Angie McDonald.

Angie owns several animals in her family's herd. She was a member of the first place quiz bowl team at the Pennsylvania Holstein Convention. Angie also recently received the Laurie Clark Memorial Rotating Champion Showmanship Trophy at the Southwest District Dairy Show. This was Angie's first time to show at NAILE.

The McDonald's other entry was senior yearling, Green Slopes Poppys Patrician. Patrician placed third in junior competition. She has an excellent show record with her most recent winning being junior champion of the Pennsylvania All-American.

This Pennsylvania family continued their strong showing in open competition. The intermediate calf placed second in her class and stood third in the junior championship selection. The senior yearling placed sixth in the open show.

The McDonald family milks 60 registered Guernseys on their 300-acre farm. Although Galen has been showing for more than 20 years, this is only their second year at NAILE. He and his family have recently purchased the family farm from his father and plan to continue the breeding program which has produced high-quality cattle.

The second-place winner was shown by Frank M. Senn and Sons of S.C. W.F. Saint Lorita was out of Favorite Saint and was bred by Waverly Farms of Clearbrook, Va.

Other placings from the "Lancaster Farming" area included: Ninth place W.F. Justin Mindy shown by George Eugene Doody of Clearbrook, Va., twelveth place shown by the Baroness Syndicate of Clearbrook, Va., and fourteeneth place Lavender Karen Mooncap of SSF shown by Elizabeth Luchsinger of Syracuse, NY.

Angie McDonald exhibited her intermediate calf for a first place in junior competition. This fancy calf also stood third for the junior championship in the National Guernsey Open Show.

Proudly displaying their equitation trophies are from left: Ann Lansberry, saddle seat, senior; Sheri Pierce, stock seat, senior; Leslie Hummer, hunter seat (not to jump) senior; Robert Kain Jr., saddle seat, junior; and Effie Baer, hunter seat (not to jump), junior. The Lebanon County 4-H'ers were presented the awards at the county 4-H Horse Clubs Banquet. Kain and Lansberry were also awarded the junior and senior grooming and showman trophies, respectively.

Lebanon Co. horse clubs honor members

SCHAEFFERSTOWN — The Lebanon County 4-H Horse Clubs recently held their annual banquet and awards program in the Schaefferstown Fire Hall. Special feature for the evening was a slide presentation by Judith LeRoy, Hoof and Horns 4-H leader, entitled "A Ride With The Michigan Trail Riders."

Margot LeRoy of the Hoof and Horns Club, served as mistress of ceremonies.

Grooming and showmanship trophies were awarded to Robert Kain, Jr., Hoof and Horns, for the junior division, and to Ann Lansberry, Equestrians, senior division. Fred Brandt of Brandt's Mill and Saddlery Shop sponsored and presented these trophies.

In equitation, trophies were awarded to Robert Kain, Jr. and Ann Lansberry, saddle seat, junior and senior divisions, respectively; Effie Baer and Leslie Hummer, hunter seat - not to jump, junior and senior divisions, respectively; Jennifer Hanshaw and Sheri Pierce, stock seat, junior and senior divisions, respectively. Merritt Mark, Hamilton Bank, sponsored and presented these trophies.

Certificates given to regional show participants for Area Production Shows were presented to: Dallas Baer, Equestrians; Effie Baer, Equestrians; Marlene Malin, Spur & Bit; Rodney Meyer, Hoof & Horns; and Sheri Pierce, Equestrians.

Certificates for the District Performance Show were presented to: Dallas Baer, Equestrians; Effie Baer, Equestrians; Rachael Bashore, Hoof & Horns; Allison Beare, Hoof & Horns; Michelle Beck, Saddlelites; Jennifer Daullary, Spur & Bit; Carla Ditzler, Equestrians; Jennifer Hanshaw, Hoof & Horns; Danica Heilman, Spur & Bit; Leslie Hummer, Hoof & Horns; Robert Kain, Jr., Hoof & Horns; Ann Lansberry, Equestrians; Kris Lehn, Hoof & Horns; Joan Lineaweaver, Spur & Bit; Marlene Malin, Spur & Bit; Shaun Martin, Hoof & Horns; Sheri Pierce, Equestrians; and Carolyn Rabold, Spur & Bit. Denis Hoke, county extension agent presented these certificates.

As State Show participant awards, $5 gift certificates from the H & H Tack Shop were presented to 4-H'ers. In production classes, awards went to Marlene Malin, Rodney Meyer, and Sheri Pierce. In Performance classes, gift certificates were presented to Robert Kain, Jr., and Ann Lansberry. Eugene Heisey sponsored and presented these.

4-H Horse Judging Teams received decoupages prepared and presented by coach, Judy LeRoy. Senior team mebers were Margot LeRoy, Meagan Burrichter, Leslie Hummer, Kris Lehn, and Sheri Pierce. The team placed second at State 4-H Achievement Days. Team member Margot LeRoy was high individual in the State Competition with 382 points out of a possible 400. Junior team recipients were Jennifer Daullary, Rodney Meyer, Robert Kain and Michelle Slaybaugh. Lebanon County 4-H Horse Clubs sponsored these awards.

4-H Horse Bowl Team awards, State Achievement Days Team, were given to Carla Ditzler, Brenda Miller, Sheri Pierce, and Leslie Strauss. The awards, earrings, were presented by 4-H agent Linda Siegel, and sponsored by the county 4-H Horse Clubs.

A special award was given to Judith LeRoy by the Hoof and Horns 4-H Club for her dedicationa nd outstanding performance in serving the 4-H youth in her club and Lebanon County. Virginia Hummer, parent, presented this beautifully-engraved plaque.

Club Achievement Certificates were given in various categories. These were: Equestrians - presented by Joanne Pierce. Perfect Attendance - 1984 - Leslie Strauss, Linda Erdman; Perfect Attendance - 3 years - Sheri Pierce; Most Improved Member - Leslie Strauss; Outstanding Member - Sheri Pierce; Best Demonstration - Effie Baer; Outstanding Parent - Evalyn Lansberry; and Sportsmanship Award - Stacey Horney.

Hoof and Horns - presented by Judith LeRoy. Perfect Attendance - 3 years - Shaun Martin; Perfect Attendance - 5 years - Robert Kain, Jr.; Most Improved First Year Member - Michelle Slaybaugh; Outstanding Member - Robert Kain, Jr.; Best Demonstration - (The American Saddlebred) - Robert Kain, Jr., and (Horse Health) Meagan Burrichter; Trail Ride Award - Jr. - Rodney Meyer, Sr. - Leslie Hummer; Outstanding Parents - Mr. & Mrs. Robert Kain; and Sportsmanship Award - Niki Nye.

Saddle-lites - presented by Hope Saam. Perfect Attendance - 1984 - Lee Eiler; Most Improved First Year Member - Charity Farrell; Trail Ride Award - Jr. - Michelle Beck, Sr. - Tammi Toner; Outstanding Parent - Fran Eiler; and Sportsmanship Award - Melanie Shenk.

Saddle Slappers - presented by Karen Higgins. Perfect Attendance - 1984 - Jarrod Schools and Jennifer Klein; Perfect Attendance - 3 years - Holly Eckenrode; Best Demonstrations - Holly Eckenrode and Jennifer Klein; Outstanding Member - Jennifer Klein; Most Helpful Parents - Dennis & Linell Schools; and Most Improved First Year Member - Jarrod Schools. Spur & Bit - presented by Lucille Dohner. Perfect Attendance - 1984 - Danica Heilman; Most Improved Member - Joan Lineaweaver; Best Demonstration - (Proper Application of Leg Wraps) Rynell Ensminger; Outstanding Parent - Ken Daullary; and Sportsmanship Award - Marlene Malin.

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Placing second in state competition are (from left) members of the Lebanon County 4-H Horse judging team with coach, Judith LeRoy (left); Margot LeRoy, Leslie Hummer, and Kris Lehn. Margot LeRoy was high individual in the state contest with a score of 382 points out of a possible 400. Fourth team member, Meagan Burrichtere, who recently moved to Florida, is missing from the picture.

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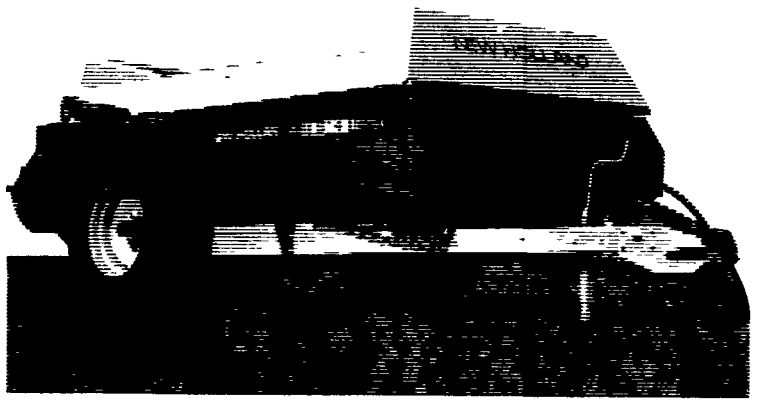

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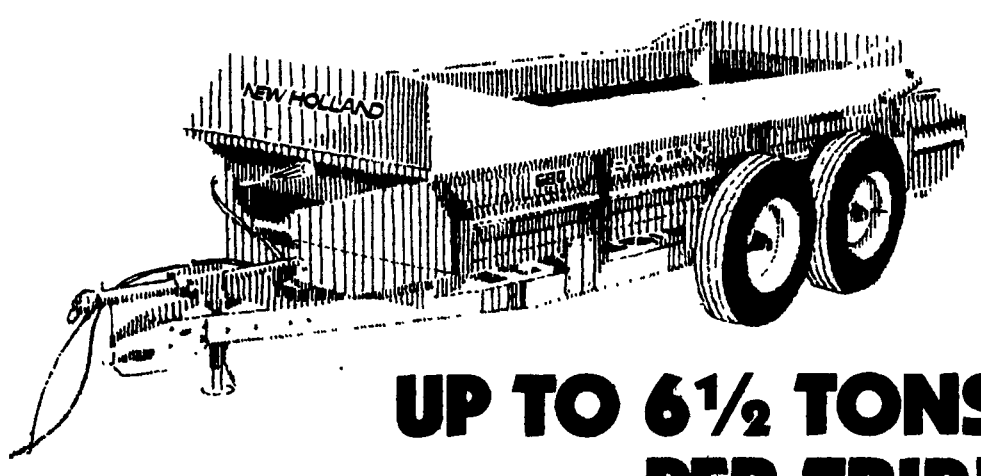

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THE MICRO WAY

LANI BLOOMER

Things to consider when selecting a microwave oven

Many people have told me that they want to buy a microwave, but don't know how to pick a good one. There are many different brands and models to choose from, and if you've never used a microwave, the features can be very confusing at first. So where do you start?

Start right at home, in your kitchen! Before you go looking, figure out whre you will put the microwave. Microwave doors open to the left or pull down. Measure the space available, so you know your size limitations. Most microwaves plug into any three prong outlet, but should have their own circuits.

Try to put a microwave near your stove, where you are used to cooking, and at a comfortable working heights. If your microwave is around the corner in the pantry, or on a cart and you have to move each time you use it, you won't use it for cooking once you're done "playing" with it! There are countertop ovens, ovens with or without exhaust fans for over the range, shelves to mount countertop ovens on top of a range, ovens to hang under cabinets, and kits to build ovens into a wall... you can put one almost anywhere!

Look for a brand name microwave and a good dealer who can give you service if you need it. You might get a good buy on a microwave down at the XYZ Discount Store, but you might also have to ship the oven back to the manufacturer if it breaks down. Many stores offer free cooking classes to help you learn to use the oven's features.

Look for an oven with a sturdy door hinge system, so the door will not get misaligned easily - requiring service.

The controls should be clear and easy to use. I prefer the digital, touch-pad type controls because they are more accurate. However, dial controls and buttons are more familiar to most people. Maytag has an oven with a combination dial and digital readout that is easy to use for someone who is "afraid" of the touch-pad controls.

Check the timer carefully. What is the total length of time you can set? A 15 minute timer would be an inconvenience if you wanted to simmer a potroast for an hour. Can you set the timer for 30 seconds to melt some butter? What about 10 seconds to warm one roll? Does the oven have an interior light, and a signal for the end of each cycle? A rack or shelf is useful sometimes. The oven should have a start button, so the oven won't start accidentally if you shut the door with the timer set.

Should you get a turntable oven or not? A turntable is one system used to provide even cooking in microwaves today. Most microwaves, like the Litton, Sears and Tappan brands, for example, use a stirrer fan system to provide even cooking. In these, microwave energy bounces off a fan at the top of the oven, and enters the oven going all directions, giving an even power distribution. General Electric and Caloric use a two feed system, with microwave energy entering from two locations.

Sharp and Panasonic have turntable systems that rotate food under a power source. The turntables must rotate during cooking, and some pans do not fit the turntables, which might be an inconvenience. All three systems (stirrer fan, two feed and turntable) produce fairly even cooking, and no system is perfect! Personally, I don't like the turntables because my large pans and turkeys don't fit, but I do use a wind-up turntable for baking in my stirrer fan oven.

Microwaves come with many different features which may be confusing at first. There are three features that I would look for in a basic microwave, if you want to COOK in it. (Now don't tell me that you just want a microwave for reheating and defrosting! Next August you might want to bake a bundt cake without turning on that hot range oven. Or, on one of those hectic days you might need to cook a meatloaf or a few baked potatoes in less than 15 minutes.) As I was saying, the three features to look for in a basic microwave are:

1. It should have 600-700 watts of power. Most large countertop ovens have this, and most microwave recipes in newspapers and magazines are written for this power. You will have to lengthen cooking times in an oven with less power.

2. It should have variable power, which means that you can adjust the power to cook food more slowly (like turning your range burner down). You could "make-do" with three power levels, but five or more would be better. An oven with less than three is difficult to cook in.

3. I like using a temperature probe or sensor, for roasting meats and for reheating food. Most beginners overcook food, and a temperature probe prevents this! The probe should have a signal for the end of cooking, and one that reads out the temperature of the food during cooking is easy to use.

Another feature I find useful, but not essential, is two or more memory stages on a microwave. You can set an oven with a memory to turn the power up or down on its own. For example, you could start a potroast on high power for 5-10 minutes, then have the oven turn the power down to simmer for an hour or so. However, many times you would have to return to the oven to stir or turn food, and could reset the next step at that time.

Ovens also come with many other "luxury" or "automatic" features. These can be very convenient to use, but you will have to read the manual and spend some time learning to use the features. Next week I will explain some of these automatic cooking features, and compact and micro/convection ovens. If you (or Santa) are shopping for a microwave, clip today's column and watch for The Micro Way next week!

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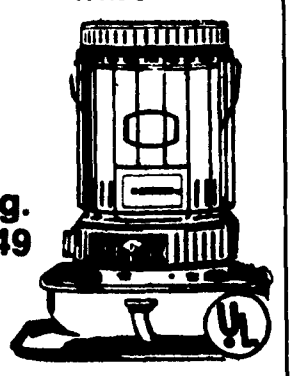

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F.W.S. Calendar

Saturday, November 17

Lancaster Society 3 meets for a program with Paul Brubaker on Thanksgiving.

Lancaster Society 18 meets for a hair style show by Sheer Delight.

Lancaster Society 8 meets at Kathy Vogt's.

Lancaster Society 4 meets at Mary Painter's home. "God's Hidden Treasures" will be the program by the Mueller Twins.

Lancaster Society 30 meets for a Thanksgiving recipe at the Welsh Mountain Good Samaritan Home. Bring children.

Lancaster Society 12 meets at the Farm and Home Center for a silent auction and election of officers.

Monday, November 19

Lancaster Society 29 meets for a safety program by Red Cross.

Lancaster Society 34 meets for a craft night.

Tuesday, November 20

Lancaster Society 27 meets at Ruth Nissley's home for demonstrations by Mary Sweigart and Linda Burrichter.

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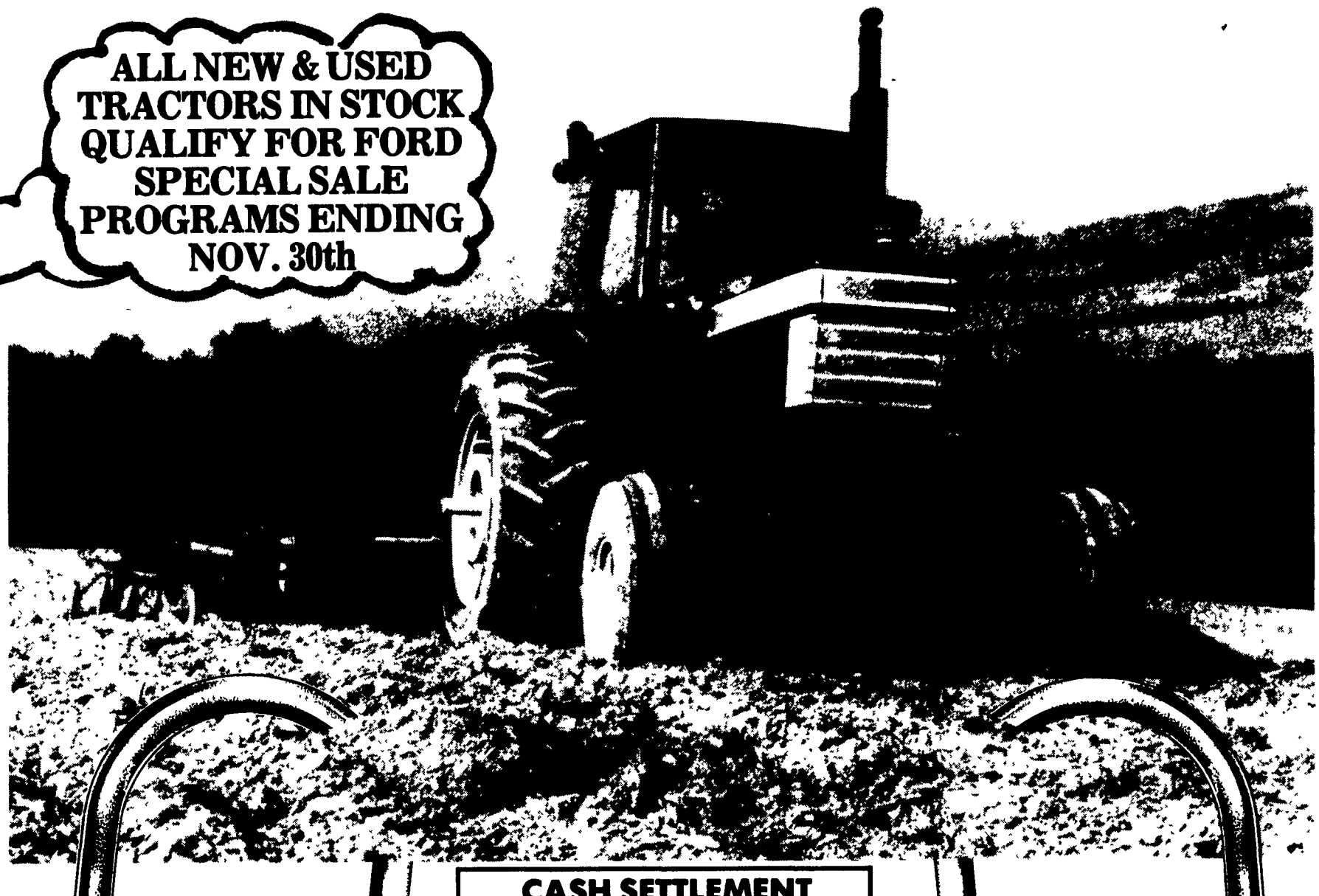

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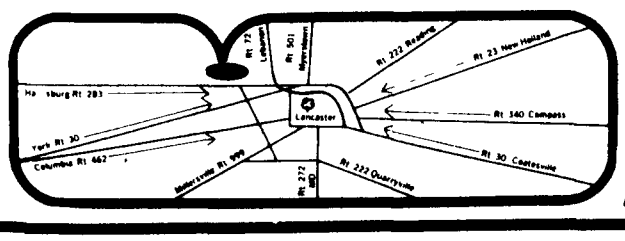

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Md. youth take horticulture awards

COLLEGE PARK, Md. – Maryland's 25-member youth delegation continued a tradition of excellence in competitive events during this year's fiftieth annual meeting of the National Junior Horticultural Association, held Oct. 26-29 at Grand Rapids, Mich. About 475 persons attended. Actual judging competition took place Oct. 27 on the campus of Michigan State University at East Lansing.

The Maryland 4-H horticulture judging team finished third among 14 similar teams, and a Maryland FFA delegation placed fifth among 11 state teams in its category.

Maryland 4-H teams have finished fifth or better in national youth horticulture judging competition every year since 1970. Their string of national championships includes 1972, 1977, 1979, 1981 and 1982.

Christie Schneider, 15, of Pleasant Valley led the way for this year's Maryland 4-H judging team by placing third in a field of 52 individual 4-H contestants. She had been high individual in judging both ornamentals and flowers during senior 4-H horticulture judging competition this year at the Maryland State Fair.

Wendy E. McDowell, 16, of Farmington was fourth in the national contest. She had been runnerup in senior 4-H horticulture judging this year at the Maryland State Fair.

Rounding out the 1984 Maryland 4-H team in the NJHA contest were Pamela Dulin, 15, of Cordova and Craig Herring, 15, formerly of Rising Sun. Dulin had been top individual in senior 4-H horticulture judging competition this year at the Maryland State Fair.

The Maryland FFA team which placed fifth in its category at the NJHA contest came from Brunswick High School. Team members were Robin Bernard, Tammy Butler, Robin Fisher and Maria Licodo. Their FFA advisor is Karen Arrington, a vocational agriculture teacher at Brunswick.

In other national NJHA competition, Vickie Pierce, 19, of Rising Sun earned blue-ribbon honors in the "Speaking of Horticulture" contest. Kristine Eckard, 17, of Westminster also participated in the public speaking event.

Another Carroll county resident, Chris Eaves, 17, of Crouse Mill, earned a blue-ribbon placing for his demonstration in production horticulture. His topic was "Mums: Cuttings to Market." Chris was participating in NJHA competition for the third consecutive year.

Lisa Bunting, 17, of Waldorf and Harry C. Hearn, Jr., of North Laurel participated in the junior open category of the NJHA horticulture judging contest.

Hearn placed ninth among 39 individuals. His siter, Linda Hearn, participated in the honors division of the NJHA horticulture judging contest.

Their father, Harry C. Hearn, was honored for his many years of service to the NJHA. Hearn was a national NJHA officer in the early 1950s. His daughter, Emily, is now national president of the NJHA Alumni group.

Members of the Hearn family conducted their annual educational workshop on cacti and other succulents during this year's NJHA meeting. They own a large greenhouse operation in central Maryland which specializes in succulent plants.

At this year's meeting, Patty Marvin, 21, of LaPlata completed her term as Northeast regional director of the NJHA. Her father, George S. Marvin, coached the Maryland 4-H horticulture judging team, as he has done every year since 1978. Mr. Marvin is a volunteer 4-H leader and holds a full-time job in the Washington, D.C. area with the U.S. Department of Agriculture's Farmers Home Administration.

Dr. Richard D. Wootton of Gaithersburg continues as a national board member of the NJHA, having completed three years as chairman of the NJHA horticulture judging contest. Dr Wootton is Montgomery county director for the University of Maryland's Cooperative Extension Service.

Next year's fiftieth anniversary meeting of the NJHA is scheduled Oct. 25-28 at Lexington, Ky.

Members of Cecil County's 1984 senior 4-H horticulture judging team display trophies after winning the state championship for the second consecutive year at the Maryland State Fair. Shown in front row are (from left): Craig Herring, 15, formerly of Rising Sun; Annette Dinsmore, 14, of Fair Hill; Stephen Sprout, 18, of Rising Sun; and Wendy E. McDowell, 16, of Farmington. Standing in rear is Robert F. Stevens of Calvert, the team coach.

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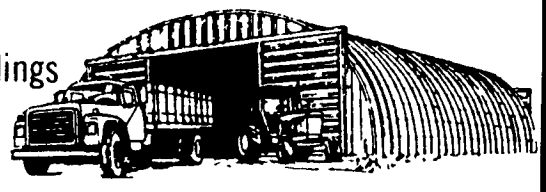

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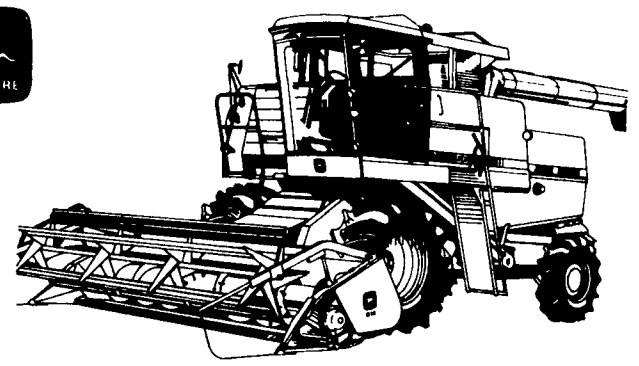

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Indiana Co. 4-H dairy clubs hold annual recognition banquet

BY BETH NESBIT
Staff Correspondent

INDIANA — Indiana County 4-H dairy clubs met recently at the Graystone United Presbyterian Church in Indiana for their annual recognition banquet.

After all the 4-H members and their families enjoyed a buffetstyle dinner, introductions of representatives from the various contributors to 4-H dairy events were made. Elizabeth Mowrey, Indiana County dairy princess then had a few words to say to her fellow dairy farmers.

Following Elizabeth the presentations of awards were made. Brett Brumbaugh, a representative of Milk Marketing Inc., presented Sharon Brickell, a member of the Northern Dairy Club, with the Milk Marketing Inc. Dairy Judging award

Keith Ruffaner, representing Coba-Select Sires, awarded Norma Andrie, also of the Northern Dairy Club, with the outstanding project book award.

The final presentations of the evening were presented by Charles Lockhart, president of the Indiana County Dairy Herd Improvement program. Charles presented Penny Farmery with the outstanding junior dairy club member award, while Jody Nesbit received the outstanding senior dairy award.

A slide presentation reviewing the past year's activities was given by Carol and Gene Schurman, county 4-H and agricultural agents respectively in Indiana County.

To top the evening off two award-winning demonstrations were given by Heath Winsheimer and Chris Zagronichek, both members of the Southern Dairy Club. Project books and pins were also distributed to each club member.

Brett Brumbaugh, (left) representing Milk Marketing Inc., presents Sharon Brickell with the dairy judging award. Norma Andrie, center, received the outstanding project book award and Jody Nesbit received the outstanding senior dairy award. Penny Farmery, right, was awarded the outstanding junior dairy club member. All award recipients are members of the Northern Dairy Club.

Airville Community Club

Airville 4-H Club had their Halloween Party on Oct. 19 at Lower Chanceford Recreation Building. Members went on a long hay ride thanks to Mr. Bill Kilgore.

After the hay wagons returned, there was a Halloween costume parade with prizes awarded for the best costumes. Prizes were also awarded to the best decorated pumpkins or fall decorations.

At a bonfire, members roasted hot dogs and marshmallows, and enjoyed other snacks.

Members drew designs for their new T-shirts. The theme for the next two years is Airville 4-H Takes You to the Top.

The Airville Achievement Night was held in the Pine Grove Church Hall on Nov. 13.

The 1984 County Achievement Night was held on Oct. 11 at the 4-H center. The Airville Club received the trophy for the Outstanding Club in York County for 1984.

Other members receiving recognition at Achievement Night were: Lesley King, Outstanding Senior Girl; Joseph Caudill, Outstanding Historian, Handyman and Sheep; Kandie Kilgore, Ceramics and Wildlife; and Ann Hutschenreuter, Citizenship. Ann is a 1984 state winner and will be attending the National 4-H Congress in Chicago this month. She was also 1984 Keystone Winner in Citizenship.

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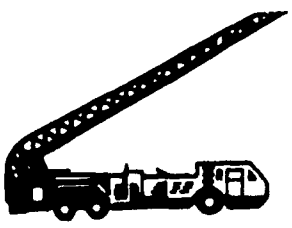

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Bradford Co. homemakers get set for Christmas

BY JANE BRESEE
Staff Correspondent

TOWANDA—A record crowd of over 200 ladies overflowed the Elks Club in Towanda, on Nov. 8, for the annual Cooperative Extension Homemakers' Day entitled "Holiday Potpourri."

To whet the appetite for Christmas baking, there was a demonstration on how to build and decorate a gingerbread house by Sharon Ulrich of Montoursville. Having practiced her art for over five years, she is a member of the International Cake Decorating Society and has attended two international shows.

Ulrich teaches cake decorating and candy making at De-Yans, a store featuring all kinds of cake decorating supplies, in Montoursville, and at the Sears store in Lycoming Mall. She makes air brush portraits on cakes and has taken a course on lattice and filligree type decorating in Michigan.

Ulrich warned that the cake "must not sink" and successfully finished a perfect model complete with a picket fence made from pretzels and Santa with his reindeer on the roof.

Sheila Crittendon of Mansfield, Tioga County, followed with a demonstration on how to make evergreen wreaths. She is a free-lance decorator, and entertains various groups in her home which is furnished with antiques she has refinished.

She passed samples of different species of evergreen around for the ladies to see and said that mixed greens—jack pine, spruce, juniper, and yews—work best to create "the simplistic elegance of an evergreen wreath, her favorite." She also demonstrated the art of tying lovely wreath bows.

After a buffet luncheon, Marilyn Furry, Penn State extension resource management specialist, spoke on "Christmas Spending—The Urge to Splurge." She offered tips on giving Christmas gifts that cost little or nothing, and gave guidelines for managing the available money.

Entertainment was provided by three girls from the Towanda High School music department—Patty Chapman, singer; Kate Chenot, pianist, and Clare Klein, dancer. Klein participated in the Pennsylvania Governor's School for the Arts at Bucknell University last summer.

Several tables of crafts made by local people were set up to demonstrate Christmas gifts and decorations made mostly from natural materials.

Arrangements for the eventful day were made by the home economics advisory committee.

Girls from Towanda High School entertained over 200 homemakers at "Holiday Potpourri." From left are Kate Chenot, Clare Klein, and Patty Chapman.

Sheila Crittendon of Mansfield, puts the finishing touches on the red velvet bow decorating a natural evergreen Christmas wreath.

Sharon Ulrich, Montoursville, proudly demonstrates how gingerbread can be magically decorated to resemble a fancy cottage with snow and Santa and his reindeer on the roof.

It's time to select steer project animals

HONESDALE — The 1984-85 Wayne County Junior Market Beef Steer Feeding Program will be starting soon.

This 4-H and FFA project is open to all young people in Wayne County with an interest in feeding, caring and managing a 4-H or FFA market beef steer.

To meet the 4-H membership requirement, the young person must have been at least eight years old by Jan. 1, 1984 and not have passed their 19th birthday as of the same date. The young person must also belong to any one of the 4-H agricultural or community clubs in Wayne County. To meet the FFA membership requirement, the young person must be enrolled in or be active in a vocational agriculture program.

If you are selecting a beef steer for the first time, here are a few tips to keep in mind:

1. Select a feeder calf that currently weighs between 400 and 600 pounds. Keep in mind that a finished market steer should weigh around 1,000 pounds at fair time. The average beef steer will gain about two pounds of weight per day. The 1984-85 feeding period will involve about 250 days. If the average steer can gain two pounds per day over this 250 day feeding period, this will result in a gain of about 500 pounds and a 1,000 pound beef steer. This is why we need to start with a 400 to 600 pound feeder calf.

2. Try to select a well-bred beef animal. This can be either a purebred or a grade beef animal, or an animal which is a cross of two beef breeds. Do not select a steer which is the result of a dairy breed - beef breed cross.

3. Try to select a beef steer that is well-started, showing growthiness and some muscling throughout its body.

It is recommended that all steer projects be started in November or early December.

All 4-H and FFA beef steers should be placed on full feed no later than Dec. 14, 1984. This date is also the absolute deadline for enrollment in this project.

Young, growing beef steers should be fed grain at a rate of 2 percent of their body weight. If a 500-pound steer was fed this rate, it would be consuming 10 pounds of feed per day. Growing steers also should have access to good hay, a salt and mineral box plus a good supply of clean, fresh drinking water.

All 4-H and FFA market steers will be exhibited at the Junior Market Steer Show at the Wayne County Fair. The market steers are then sold through the Junior Livestock Sale.

The 4-H and FFA member will acquire skills in showmanship, fitting, feeding and managing the beef steer. A record book of all expenses must be maintained throughout the feeding period.

Young people interested int his 4-H or FFA project should contact the Wayne County Extension Service for enrollment forms and additional details. The phone number to call is 253-5970, ext. 114.

The extension office will try to maintain a list of area beef producers that have 4-H or FFA beef steers for sale as project animals.

New Holland 4-H Baby Beef Club

Membership is now open in the New Holland 4-H Baby Beef Club. If you are interested, please contact one of the following 4-H leaders:

Harvey High - 656-8795
Bob Martin - 656-7770
Lester Weaver - 354-5477
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Or you may contact county extension livestock agent Chester Hughes at 394-6851.

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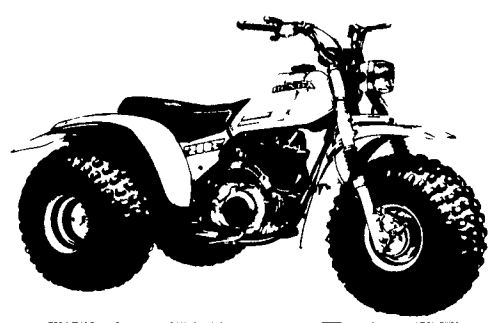

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Put Autumn leaves to work in your garden

Each fall, nature sheds her leafy mantle in a colorful cascade. But despite their fleeting beauty, these falling leaves seem more of a burden than a benefit to most homeowners. However, the leaves have considerable garden value. So instead of bagging or burning them, why not use them this fall to improve the soil and protect plants?

"No matter how small or large your property,leaves can be put to good use," says University of Delaware extension garden specialist Dave Tatnall.

Leaves serve two main purposes, he says. They are an excellent source of organic matter which in time becomes humus—the life-giving ingredient of the soil. And they are one of the best protective plant mulches.

You can easily create humus by building a compost pile with leaves, grass clippings and other discarded plant materials. When these rot, the result will be a nutrient-rich compost that's valuable as a soil conditioner.

Most leaves make good mulches, too, Tatnall says— especially if they have first been shredded or partly composted (leaf mold). Because oak leaves and pine needles won't mat and become soggy, they are particularly useful as winter mulches and are often recommended to provide winter protection for broadleaf evergreens, perennial flowers and strawberries.

To keep the average yard tidy in the fall, all that's usually needed is an ordinary spring-steel rake and a large square of burlap or an old bed sheet for carrying the leaves. On a larger lawn, the specialist says a tractor-drawn lawn sweeper or vacuum can be a real labor saver.

Power shredding equipment can soon reduce bulky leaves for easier handling and faster composting. Much of this processing can be done with an ordinary rotary lawn mower. For larger amounts of leaves and other garden debris, a special portable power compost shredder is more convenient.

"Remember," says Tatnall, "the leaves you save this fall can mean a greener, neater and more productive yard and garden next year. And you'll have the satisfaction of knowing that you're saving—not wasting—a valuable resource."

Curb the Christmas splurge

NORRISTOWN— Let's start with the basics. The holidays are not the time to pay-back, to impress or to splurge, says Nancy B. Stevens, home economist, Montgomery County Cooperative Extension Service.

Too often holiday shoppers try to deal with of guilt, neglect, and a thousand other sentiments that have little to do with the spirit of the season by buying far more than they can afford.

As a result they drain family resources, leaving overextended credit accounts and reduced savings accounts. Many splurge shoppers are left to cope with a serious financial burden long after the holidays.

A plan, a budget and a list can help you curb the urge to overspend at the height of the buying season just before the holidays. You may even enjoy the process of getting preparation without panic, and maybe even without guilt Here are some tips that may help.

• Make your shopping list now and include only those you want to share gifts with. Send cards to those who are not really close. You can't give gifts to everyone, but you can share holiday greetings.

• Decide how much money you have to spend and estimate how much of that total amount you will spend on whom. Then think about an appropriate gift for each within your price range before you set out to shop.

• Planning now gives you time to buy the materials and to create home-made gifts for a less expensive holiday and an added personal touch to your giving. Making gifts at home during the next few weeks is an excellent opportunity to involve your whole family in the process.

• Retailers seem to be a bit edgy about holiday profits, so many have pre-season sales to get the process started. Once you have a fairly clear idea of what you need to buy, shop now to take advantage of these sales and early season selection.

• After each shopping trip write down how much you've spent and keep your list up to date. Some shoppers buy early and forget what they have. They risk needless panic buying at the last minute.

Remember, stress and fatigue usually mean making poor buying decisions. Start early to avoid overspending, to avoid the mad rush, and to enjoy the process. You may find that being prepared will curb your urge to splurge.

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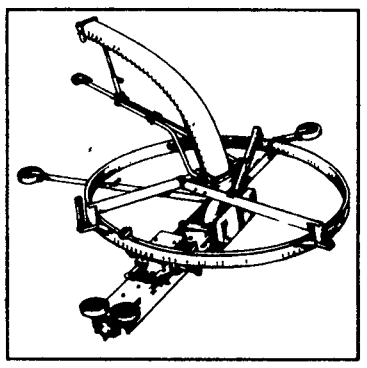

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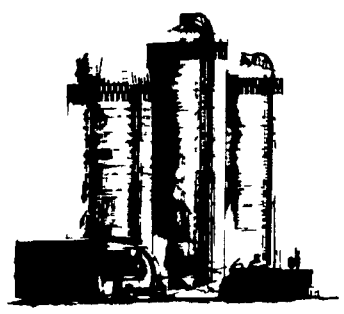

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Fall's gift — potpourri

Imagine capturing the heady scent of your favorite secluded glade or the romantic floral aromas from the end-of-the-summer blossoms and enjoying them all year long.

You can savor these fragrances by making your own potpourri. Potpourri is a collection of dried flowers, petals, buds and plant materials combined with special ingredients to produce a long-lasting scent. You can concoct your own private label potpourri by using materials from your own yard or garden.

Potpourri is traditionally kept in attractive jars or bowls, but they can be sewn into small fabric bags and used to scent drawers, bathrooms or closets.

Your first step is to collect the plant materials. No matter where you are, nature seems to provide a bountiful selection of flowers, plants and interesting ingredients. Do not pick or use any flowers or plants from parks or in areas where wildlife is protected.

When collecting your ingredients, keep in mind that though color is an essential element, color and texture should not be ignored. Balance your selection of flowers, petals and buds with small pine cones, seeds, bits of interesting buds.

I have seen some lovely glass jars filled with potpourri and colorful slivers of ribbon. Just about anything goes. However, it is best if all elements are about the same size to ensure a delicate appearance.

The best time to pick your flowers is early in the morning, after the dew has dried. Make your selections, keeping in mind that there are two kinds of ingredients: one for color, the other for fragrance. Rose petals and lavender flowers are examples of fragrance ingredients; baby's breath and marigolds are used more for their color.

After you have collected enough for your intended container, carefully pull off any stems and lay the flowers out to dry in the open air. Take care not to expose them to too much sunlight and make sure that the air is dry and free flowing. Allow them to dry for 10 days. Store any unused ingredients in an airtight jar and keep in a dry, dark place.

You may need to purchase the fragrant oils and cedar chips that serve as enhancers for the natural dried fragrances. You can purchase oils such as patchouli, orange, lavender and vanilla at many garden centers, herb farms and even in pharmacies.

When assembling all the ingredients use this general rule of thumb: For each quart of dried materials, add two to three tablespoons of cedar shavings, and two or three drops of fragrant oil. Combine your natural ingredients and mix with cedar shavings. Add the fragrant oil until the scent suits you.

Cover the bowl and allow the fragrance to "mellow" for a few days. To revitalize the potpourri, simply stir and add a few more drops of scented oil.

This is a fun craft to involve children of all ages because everyone can be an inventor and create a potpourri that is personal, fun to do and makes an appreciated gift.

Naylor honored Lackawanna Co. at extension meeting

SCRANTON — Audrey Naylor, R2 Factoryville, was honored at the 71st Annual Meeting of the Lackawanna County Cooperative Extension Association this week for 18 years of service on the executive committee.

This year she has completed seven years as president of the association and previously served as secretary and treasurer.

She is also president of the Northeast Regional Executive Committee and a member of the state board of the Pennsylvania Council of Cooperative Extension Association. She has served as state chairman of the legislative committee and has represented Pennsylvania at the National Extension Leaders' Workshop in Washington, D.C.

Previously honored for 20 years as a 4-H Club leader of the Fleetville 4-H Sewing Club, Naylor, the mother of six and the grandmother of nine, lives with her husband, Robert, on a dairy farm in Benton Township in Lackawanna County.

Audrey Naylor, R2 Factoryville on the left, was honored by the Lackawanna County Cooperative Extension Association at their annual meeting for 18 years' service to cooperative extension. Making the presentation of a Nittany Lion statuette are William Schlosser, association vice-president, in the center, and Tom Jurchak, Lackawanna County extension director, on the right.

Craft Connection plans Christmas Show trip

HONESDALE—Be on the bus sponsored by the Crafts Connection and the Cooperative Extension Service when it leaves the courthouse at 7 a.m. on Saturday, Dec. 1 for the Christmas Show in Harrisburg. Be on time!

You will arrive at the Farm Show complex around 10 a.m. There you will see the Christmas Village...Arts and Crafts, Cooking Clinics and get great ideas to make your Christmas even better.

The bus will leave Harrisburg at 5 p.m. There will be a stop at Ponderosa for dinner and a drive through the Christmas Village.

For further information call the Cooperative Extension Service at 253-5970 ext. 114. Your check is your reservation.

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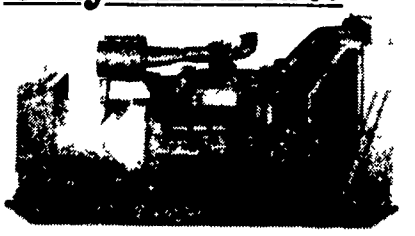

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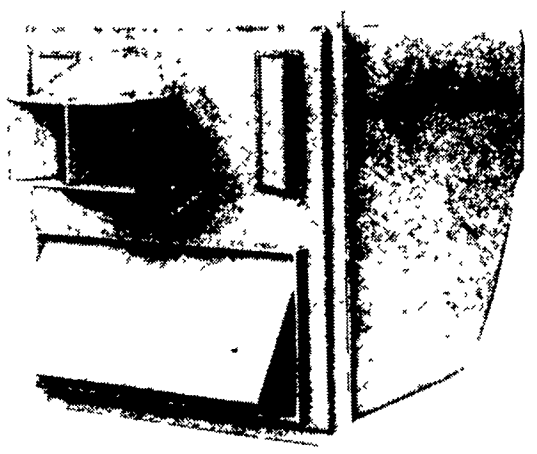

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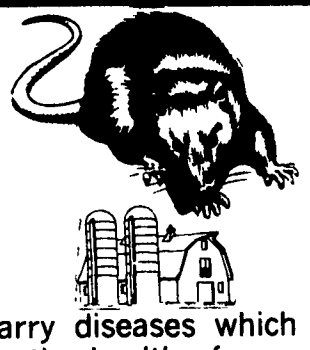

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Two Montgomery Co. extension agents receive national awards

UNIVERSITY PARK—Nancy M. Kadwill and Helaine D. Brown, Montgomery County Extension agents with the Penn State Cooperative Extension Service, have received Distinguished Service Awards from the National Association of Extension 4-H Agents. They were honored at the association's national conference in Chicago, Nov. 3-8.

Kadwill has been a member of the extension staff for 10 years. As 4-H coordinator, she has seen membership in the county program increase from 1,600 in 1973 to 3,290 members today. She work, closely with the 4-H horse program and chaired the first National 4-H Horse Roundup Team Demonstration Contest in Harrisburg.

Kadwill started a seeing eye puppy club and a drama short-course for 4-H members in the county. She also designed the introduction to Farm Animals program, which enabled 600 urban youth to learn about animals.

Kadwill, who earned her bachelor of science degree in agriculture from Penn State, is an active member of the National Association of Extension 4-H Agents and helped to organize the state association. She is a member of the state and national associations of Agricultural Agents and Eplison Sigma Phi, the extension honorary fraternity.

Brown has been in extension for seven years, first as Urban 4-H Agent in Philadelphia. She currently coordinates the 4-H home and family living program in Montgomery County. Brown has conducted sewing workshops geared to the older 4-H members to help keep them involved in 4-H. Such workshops include making jogging suits, handbags and sweaters, as well as tailoring techniques.

Brown's work in Philadelphia involved uniting the 140 4-H clubs scattered across the city. She instituted countywide fashion revues, round-ups, leaders training workshops, a teen council and a 4-H journalism program.

One of Brown's most satisfying experiences has been the program for disabled youth. Clubs have been organized in special education classrooms, special camps and agencies which serve the disabled. Brown orients teachers and staff to 4-H club work. The staff are able to teach projects in a wide range of areas. In three years, the number of members has risen from 30 to 228.

Brown, who has been an active member of the Pennsylvania Association of Extension 4-H Agents since its first year, is also a member of Epsilon Sigma Phi. She received her bachelor of science degree in elementary and kindergarten education.

Simmons receives distinguished service award

UNIVERSITY PARK—Frank X. Simmons, extension agent with the Penn State Cooperative Extension Service in Blair County, has received a Distinguished Service award from the National Association of Extension 4-H Agents. He was honored during the association's national conference in Chicago, Nov. 3-8.

Simmons, who has been involved in extension youth programming for 11 years, also directs the Expanded Foods and Nutrition Education Program for the county. He initiated a recruitment and training program that increased teen participation in the basic nutrition projects. His programs in physical fitness and outdoor recreation, including team sports and backpacking, have been highly successful.

As county 4-H coordinator, Simmons helped to reorganized the program, resulting in a membership increase from 700 to 1,500. He has initiated a school and organization outreach program that offers projects in local government and citizenship, energy education and agricultural awareness. Simmons also has organized a corps of approximately 50 teen leaders, who are actively involved in project teaching and program operations.

Of his extension programs, Simmons is most satisfied with the 4-H management program he helped establish. More than 100 leaders participate in the program that uses district and key leaders as well as various program advisory councils to assist with leader development, financial resources, and evaluation and promotion.

Simmons served on the planning committees for the 4-H State Leaders Forum, and Southwest Leaders Symposium. He was a leadership council advisor for Pennsylvania 4-H Leadership Congress. He has been a member of the program committee for both the Pennsylvania and National Associations of Extension Agents.

Simmons received his bachelor of arts degree in political science from Penn State and is currently working toward a master's degree in extension education.

He is active in the Blair County Human Relations Council and the Blair County Health and Welfare Council.

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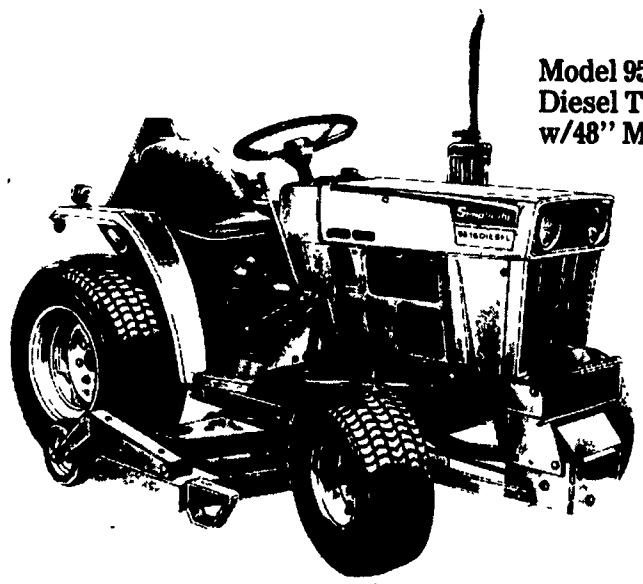

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Sponges work well for painting

NEWARK, Del. — The same type of sponge you use to wipe off household surfaces can apply beautiful color to your walls, says Delaware extension home economist Pat Wilson. Sponging is an innovative and versatile decorating technique that requires two or more colors of paint. One is used as a base coat, and the others are sponged over it.

Sponging can improve the appearance of any room in your home, Wilson says. You can pull together a living or dining room that lacks focus by sponging one wall with colors found in the carpet or upholstery. Enhance these rooms with colors that reflect natural light by sponging an earthtone or natural shade onto the wall with your other colors.

White sponged over a light blue or yellow wall adds cheery color to a bedroom or bathroom. Wood trim, window frames, baseboards and chair rail molding are also perfect places to add accents with a sponge, Wilson says.

Let your imagination run free in decorating a child's room. For example, sponge a group of geometric shapes on closet and dresser drawers. Sponge a bright rainbow above a window, or a few white clouds over the bed.

Experiment with rough and smooth sponges in a variety of shapes. Practice your technique and color combinations in an unobtrusive area, such as behind a piece of furniture. To create an attractive sponged surface, follow these steps:

Begin with a clean, dirt-free surface. Fill all cracks and holes with spackling compound or patching plaster and sand smooth. When painting over semigloss or high gloss paint, first lightly sand the surface to remove the gloss, thus ensuring good paint adhesion.

Apply the base coat and allow it to dry completely. If you are painting over a previously unpainted surface, apply a primer coat or extra coat of your undercoat to the walls.

Using the sponge of your choice, gently dab the wall with the paint. Press the sponge against the wall in closely spaced, random angles. To avoid drips, use small amounts of paint. This will also allow you to monitor the design as you go. Remember, irregularities in the design are what give your handiwork the varied appearance you want.

Wilson says touch-ups and alterations can be made at any time by reapplying additional paint with a sponge.

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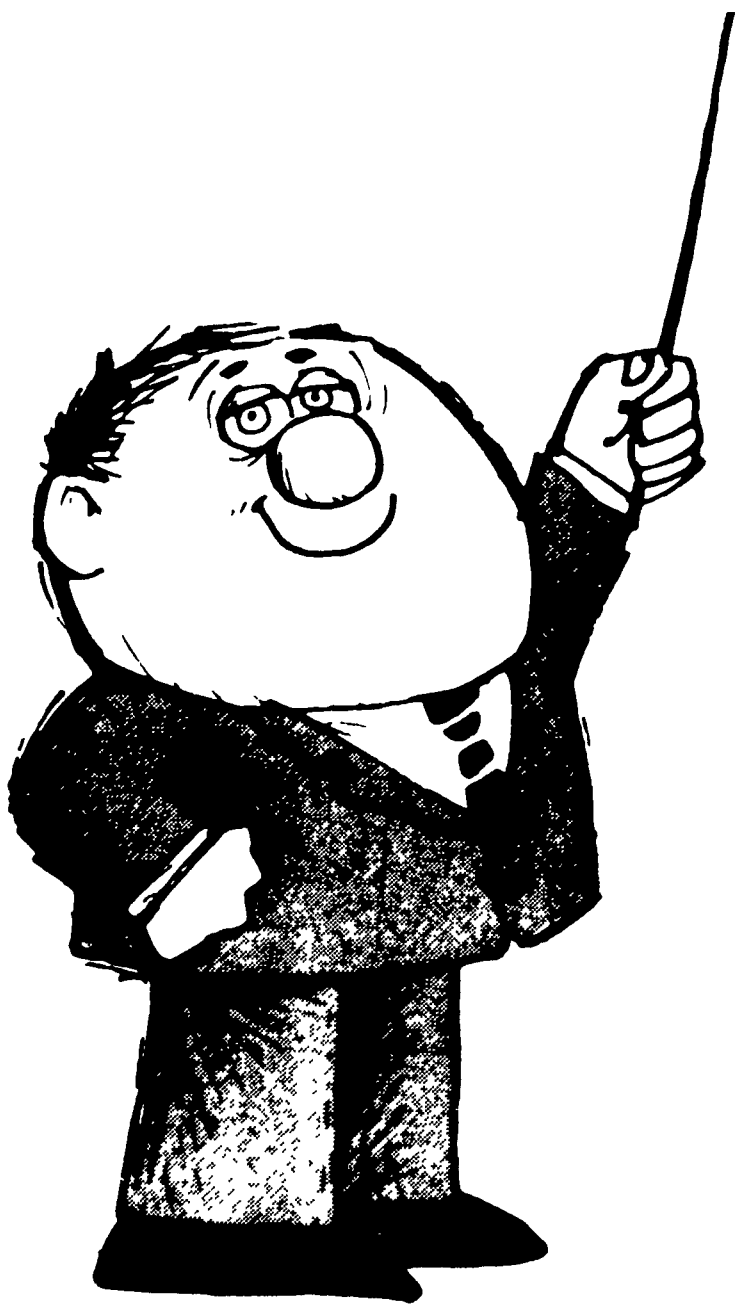

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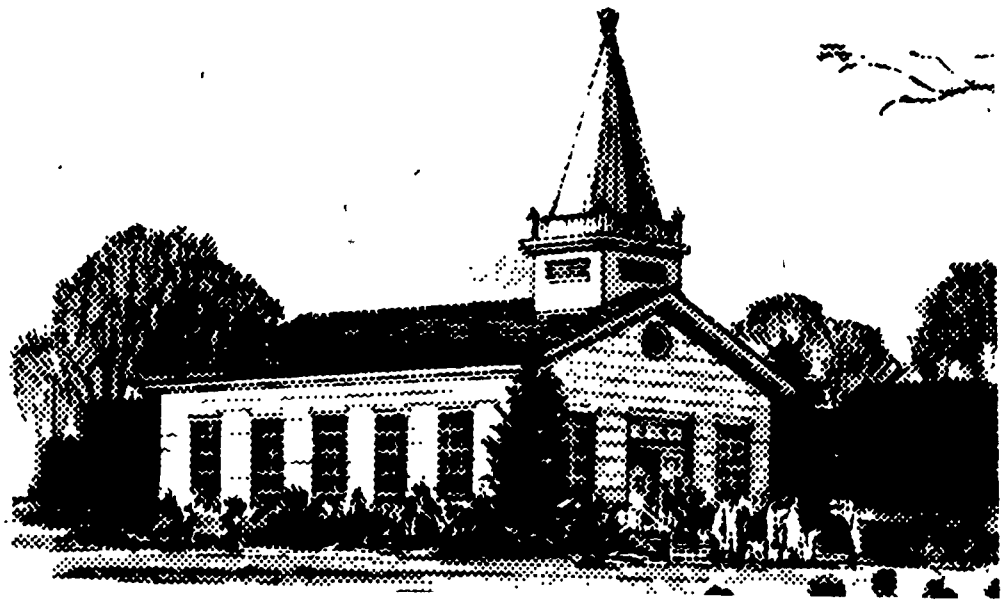

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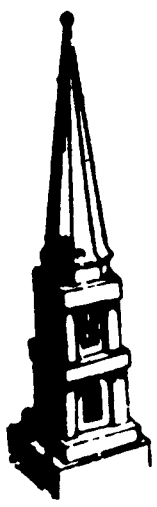

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Blend apple varieties for better flavor

EBENSBURG — Apple growers who have a lot of different varieties often practice the theory that the best sauce, cider or pie is made with a blend of apples. Using two or more varieties, rather than one produces a better blend of flavors. One apple might bring sweetness to the union, another tartness, while a third contributes fragrance.

The Red and Golden Delicious are both sweet and best for eating out of hand and in salads. MacIntosh and Courtland are semi-sweet and good for eating raw in salads. The Stayman is a tart, juicy all-purpose apple. The Rome Beauty is very rarely selected for eating raw but is excellent for baking or pies. The Jonathan is mildly tart and a good all purpose apple.

A fast-baked idea is to microwave apples. The time savings in microwaving apples have an appeal in today's emphasis on convenience. A great way to prepare apples in the microwave is to core the apples and then peel a strip about a third of the way down to let steam escape. You might want to fill the center with orange juice, raisin or a little brown sugar to add moisture. Place in a microwavable dish and cover with plastic wrap. Depending on the size it should take six to seven minutes to do four medium apples with a half turn rotation midway through the sequence. The apples should be almost tender with the time, so let set for an additional two to three minutes and they will continue cooking. Then test for doneness and cook another minute or two if necessary.

The fruit softens easily when it is microwaved and achieves a superior flavor. You can dress the apples up in any way you want to; you can fill them with jam, cinnamon candies, mincemeat out of a jar, cinnamon and sugar or anything you can think of. You should use apples that remain firm, those that you would use for a pie or apple crisp such as Rome Beauty, York Imperial or Staymen.

Even though apple varieties have changed over the years, one thing hasn't changed — the apple-a-day maximum. Apples aren't outstanding sources of nutrients, but they are an excellent source of fiber when eaten raw. Fiber, which acts as a scrubbing brush once it gets inside the body, is in short supply in our highly processed American diet.

An apple acts as a toothbrush too. Eating a raw apple is supposed to cleanse the mouth of oral bacteria.

Apples are also the calorie counter's friend. An average size apple contains only 80 to 90 calories. Truly, an apple a day can keep the doctor away.

Pesticides can be safe when handled properly

MEDIA — Pesticides are crucial in producing a high quality, abundant food supply and growers use them to combat the many pests that challenge the farmer each year. When properly used, pesticides are also safe, says Delaware extension agent Jeff Jabco. He offers the following tips to help ensure the safe use of pesticides.

- Always read and follow the label instructions before using pesticides. Review warnings and cautions before opening the container.
- Keep pesticides out of the reach of children, pets and irresponsible people. They should be stored in a locked building or cabinet, away from food and animal feed.
- Store pesticides in original containers and keep them tightly closed. Keep labels on the containers. Store herbicides separately from other pesticides.
- Never smoke or eat while mixing or applying pesticides.
- Avoid inhaling sprays or dusts. If the label suggests wearing protective clothing or respirators, do so.
- Do not spill pesticides on the skin or clothing. If they are accidentally spilled, immediately remove contaminated clothing and wash skin thoroughly. Use soap if available.
- Wash hands and face and change to clean clothing after spraying or dusting. Wash contaminated clothing separately from your regular wash.
- Cover feed and water containers when treating around livestock or pet areas. Don't contaminate water sources.
- Use separate equipment for applying hormone-type herbicides to avoid accidential injury to susceptible plants.
- Always dispose of empty containers so that they pose no hazard to humans, animals or valuable plants.
- Observe label directions and cautions so that residues on edible portions of plants are within the limits permitted by law.
- If symptoms of illness occur during spraying or within 48 hours after spraying or dusting, call a poison control center or a physician, or get the victim to a hospital immediately.

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N.J. has deer problem

FLEMINGTON, N.J. — Deer are a major problem for commercial growers and home gardeners in Hunterdon County, N.J. Date from the N.J. Dept of Environmental Protection, Division of Fish, Game, and Wildlife, confirms the severity of the problem. Hunterdon County has the most dense deer population in New Jersey and possibly on the East Coast.

The area supports an average 50 animals per square mile; in some sections up to 100 per square mile. The area west of Rt. 31, south of Rt. 78-22 and north of Rt. 202 has the highest density in the county.

Commercial growers often resort to fencing, an effective protection against deer, but an unlikely solution in most home situations where use of fencing is probably limited to enclosing a vegetable garden or caging individual valuable plants. The use of repellents is a more feasible approach for the homeowner.

There are a number of commercial preparations on the market. Many are taste repellents containing thiram, a fungicide. One manufacturer has a product based on the "active ingredient" in hot peppers. Bone tar oil is a smell repellent. Home remedies include bags of human hair, blood meal, or bone meal which are hung on susceptible plants. Deer repellents, commercial or other, are not guaranteed solutions, however.

Repellent effectiveness depends on many variable factors - deer population, feeding pressure, weather, the specific situation. Susan Predl of Fish, Game, and Wildlife points out that the abundance of evergreens in home landscapes provides a gourmet buffet for deer in winter.

Solutions to deer problems are limited; the best the homeowner can probably do is experiment with physical protection and repellent measures. Research does indicate that taste repellents are generally more effective than smell repellents. This is especially true in winter. Commercial products must be used according to label instructions and restrictions.

Occasionally people call Extension to ask what can be planted that deer will not eat. Daffodil is the only popular plant that deer avoid. Rutgers hopes to develop a list of such plants specific for white-tailed deer.

Winged bean is 'Supermarket on stalk'

COLLEGE PARK, Md. — Winged bean, a tropical plant sometimes called a "supermarket on a stalk," may be the crop responsible for causing the deserts to bloom in the future.

Unlike other high-protein legumes, winged bean appears to tolerate the high salinity soils of arid and semi-arid climates, according to preliminary research from The University of Maryland.

"It is important to know winged bean's tolerance to soil salinity is important if we are to develop the crop in arid or semi-arid climates," says Dr. Raymond R. Weil, associate professor of agronomy at the university.

Winged bean earned its nickname "supermarket on a stalk" because virtually all of the plant's parts – seed, green pods, leaves and storage roots – are edible and high in protein. It has been touted as a possible solution to malnutrition problems in developing countries.

Weil and colleague N.A. Khalil found that winged bean was at least as tolerant of high soil salinity as the most tolerant soybean variety they tested. They also found that nitrogen content of winged bean increased under more saline conditions.

Nitrogen, the key element in protein, is an expensive commodity as fertilizer, especially in poorer countries.

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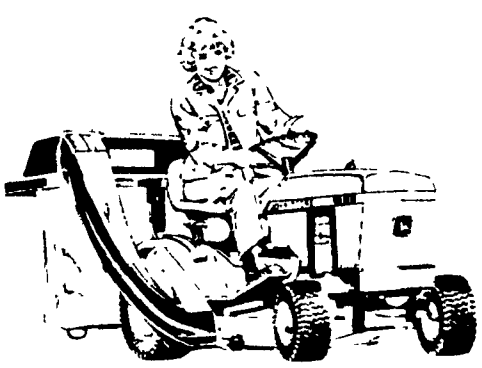

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- 2 Horse Thoroughbred w/4 Wheel Brakes, 2 Full Escape Doors, Spare — $2695
- 4 Horse Deluxe w/Saddle Compartment — $3995
- 16 ft. x 6 ft. Bumper Stock In Assorted Colors — $2450
- 16 ft. x 7 ft. x 7 ft. Bumper Stock, 5200 lb. Axles, 4 Wheel Brakes — $3250
- 16 ft. x 6 ft. Gooseneck Stock w/Half Nose — $3095
- 20 ft. x 7 ft. x 7 ft. Gooseneck Stock w/Full Nose, Wood-Lined — $4750
- 20 ft. Gooseneck Stock w/Dressing Room, 16" Rubber — $4950
- 20 ft. x 8 ft. Flatbed Gooseneck — $2695
- 26 ft. x 8 ft. Flatbed Gooseneck w/Dual Tandems — $6750

USED UNITS:
- 2 Horse Trailer — $750
- 16 ft. x 5 ft. Bumper Stock — $1500
- 20 ft. x 6 ft. Gooseneck Stock — $2800

Free Delivery to New Holland
Also Available: 1985 Chevrolet Trucks, Fully Equipped
Open 9 to 5, six days a week — CLOSED THURSDAY

LUX STABLES — Jesse R. Austin, Distributor
10214 Lanham Severn Rd., Lanham, Maryland 20706
(301) 464-2574

FACTORY SECONDS!! Schuld/Bushnell galvanized smooth wall hopper feed tanks. Only 7 ton sizes left. Call or stop in and see them, Loucks Grain Equipment Inc., 717-755-2868.

The following categories are available for your classified advertising in Section C. Deadline-Thursday morning at 9 of each week's publication
1 - Farm Equipment
2 - Farm Equipment Wanted
3 - Silos and Unloaders
4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories are available for your classified advertising, in Section B. Deadline-Wednesday afternoon at 5 of each week's publication.
7 - Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Equipment & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
16 - Fertilizer
17 - Plants
18 - Fruits & Vegetables
19 - Nursery
20 - Lawn & Garden
21 - Services Offered
22 - Custom Work
23 - Help Wanted
24 - Situations Wanted
25 - Business Opportunities
26 - Household
27 - Pets
28 - Lost
29 - Found
30 - Computers
31 - Notice
32 - Miscellaneous
33 - Recreational Vehicles
34 - Autos
35 - Trucks and Trailers
36 - Real Estate

HIGH-TENSILE FENCE SYSTEMS

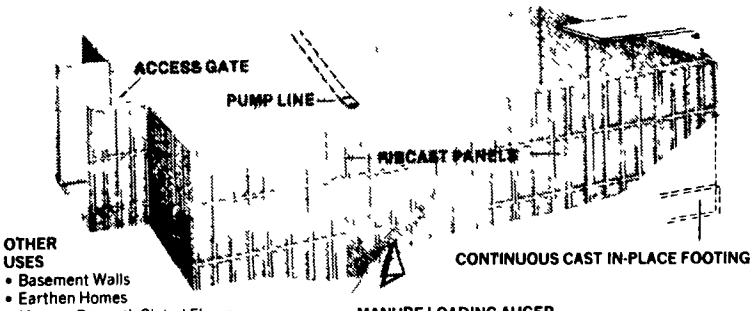
VERSATILE FENCING
FOR PASTURES, FEEDLOTS,
GRAIN FIELDS AND
EVEN ORCHARDS

The system features Max-Ten® 200 wire from U.S. Steel Corporation strung on posts pressure-treated by Koppers Company. Together they provide long spans, minimal hide damage, extended service life and low maintenance.

West of Harrisburg	East of Harrisburg	Maryland
Summit Fencing Systems	**Farm Fence Systems**	**Deer Creek Fencing**
Frank B. Otto	Kerry Hess	833 Priestford Rd.
Route #1 Box 121B	RED 2 Box 133E	Darlington, MD 21034
Breezewood, PA 15533	Vinemond Rd.	HAL
814-735-3293	Reinholds, PA 17569	301-836-2773
	215-775-1589	Steve
		301-836-3429

Professionally Trained in a
KIWI-HFT SYSTEM Contractors School

Manure Storage

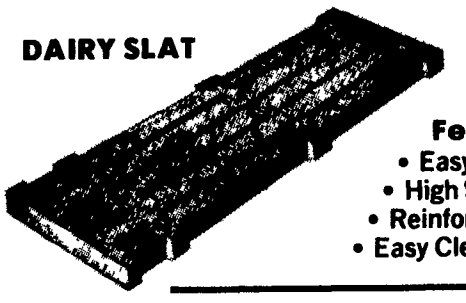


OTHER USES
- Basement Walls
- Earthen Homes
- Manure Pits with Slated Floors
- Building Walls
- Floor Panels
- Retaining Walls
- Grain & Fertilizer Storage Sheds

Available in 8 10' and 12' deep rectangular and round structures

CONCRETE GANG SLATS
for Dairy and Hogs

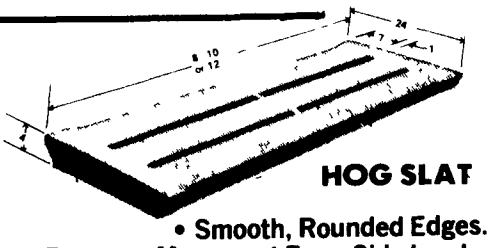
DAIRY SLAT



Slats available in gangs of 8, 10, 12 ft. lengths.

Features:
- Easy Installation
- High Strength
- Reinforced Construction
- Easy Cleaning

Features:
- Easy Cleaning
- Center Beam
- Slight Crown.
- Uniform Spacing.
- Easy Installation
- Slats Stay Drier.
- Easy on Animals Feet
- Low Cost- Long Life



HOG SLAT
- Smooth, Rounded Edges.
- Prevents Movement From Side Loads
- High Strength Reinforced Construction.

GESTATION TROUGHS AVAILABLE

AGRI CONCRETE PRODUCTS
RD 2, Box 147
Middleburg, PA 17842
Plant (717) 837-3885

8 CATTLE

ANGUS SALE
SAT., NOV. 24
12 NOON
HILL CREST FARM, DELAPLANE, VA. Selling 45 lots, top quality females with cow/calf pairs and cows rebred, bred and open heifers. For more information, contact: John & Sue Rucker, 703-364-2875. Catalogs, contact: VA Angus Assoc., 909 Landonia Circle, Charlottesville, VA 22901. 804-296-4927 or 293-3044.

BEEFALO ADVANTAGES from registered Purebred and percentage bulls and females. One animal or custom packages, dispersal priced. Chenango Beefalo, Greene, NY 13778 607-656-8416648-3933.

BEEF CATTLE FOR SALE: 150 young beef cows bred to calves the middle of March and first part of April, 1985 Cows are in excellent condition Also, 35 ready to breed heifers 609-896-0336.

Black Angus and Simmental cross feeder steers, average 600 lbs 35 steers and 35 heifers 215-286-5362

Christmas surprise for your Jr., registered Angus heifers. These are fancy 1984 calves that offer excellent show and breeding prospects. Breeding priviledges to Jrs. Brook-Hill Angus, 201-948-3261.

8 CATTLE

Due to health 30 cows for sale. Originated from an 18,000 lb. herd average. ⅓ registered. All AI. 302-674-4068.

FOR SALE-Grade Holstein heifers just fresh. Milking in the 70 pounds. 717-653-5663.

FOR SALE-Registered Springing Heifers, AI, bred to Elevation Very, due December, calfhood vaccinated, interstate health certificates. Berks Co. 215-367-7845.

FOR SALE-Registered Holstein milkding cows and service age bulls. 717-865-4650 after 8 PM.

For Sale - Jersey Heifers, breeding age. Also fresh and springing Holstein cows. 717-653-5408.

For Sale: JERSEYS, complete herd dispersal, DHIA tested, top brass service sires. Southern York Co. 717-382-4145

For Sale: Registered Holstein Cows and bred heifers. Due now thru January, good pedigrees with records to 22,000M and classified up to VG-85. 215-593-2274.

For Sale: Springing Holstein Heifers, some registered. 814-832-2244.

For Sale: 10 large holstein heifers ready to calve. Or will trade on smaller heifers. $775 each. Chester County. Phone 215-593-5665.

For Sale: 10 Young registered holstein cows, most recently fresh. Group includes a tall Valiant from VG88 Granddam with 900F. GP84 cow with 23,000M and 888F at 3 years, Sexation dtr. out of VG87 cow with 29,000M and 1100F, GP83 Conductor with 25,880M, 878F at 3 years Priced from $1,000 to $1,800 at farm. Keystone Farm, Easton, Pa 215-258-0788.

For Sale: 40 Head feeder steers, average 800 lbs Call after 7 p.m., 717-529-2104.

For Sale: 4 Registered Holstein close springing heifers. Sired by Transformer Marvex and Oakstar. DDams average 4.2% test and records to 20,500M. Con-noll Holstein Farm. 717-442-4291.

For Sale 8 registered Angus cows $600. per head; Sayre Patriot, PS Great Northern and Progression pedigrees. Superior production rates, AHIA production records available. 301-371-6971.

Registered Santa Gertudis heifer and bull calves, also cows. Reasonable prices. Ribeye Ranch. 717-642-5894.

Registered Jersey bull born 1182, good breeder. Dam excellent: 5.6 percent butter fat, 3.9 percent protein. $600. Berks Co. 215-562-3966.

Sales Registered Polled Hereford Bull, calved March '84. Sire by Enforcer. 46" tall, 205 day weight, 650 lbs. Call 301-592-6064.

Simmental Herd Dispersal Cows with Calves, halfbloods, ¾ and full bloods open heifers. Mostly polled 14 month, full blood bull. Weekdays after 6 p.m. or Saturday. York Co. 717-225-4586.

Springing Holstein Heifers. Benuel M. Fisher. Along Peters Rd., 3 miles south of New Holland, PA.

WANTED-A good young herd of cows. 30-35 head Dec or Jan. Please give phone no. Samuel F Stoltzfus, RD 1, Box 199, Christiana, PA 17509

Wanted: 30 holstein feeder steers direct from the farm, between 1,000 and 1,100 lb. Good quality Lanc. Co. 717-786-3782.

1 Registered Limousin Bull, 2 registered cows and 2 registered heifers. Pair of 2 year old percherons, very good disposition. 301-745-9519.

29 Head of Holstein heifers all ages. Some identified grade. Berks County, (717)933-5831.

6 Head of Angus Steers, 750 wt. John R. Martin, Hahnstown Rd., Ephrata, Pa. 17522

6 Springing Holstein heifers. Aaron Glick, Millwood Rd., Gap.

7 month Holstein heifer sired by Electra. Dam VG 100,000 lbs. 4.21t. Granddam VG 120,000 lbs. 717-656-6169.

70 Choice high quality grade Holstein cows. Young average age. Cows sired by many popular bulls and bred to the same. These cows represent the TOP out of a 100 cow herd. Will break up herd if buyers can agree on selection. Also a group of December and January Spring Heifers to choose from. Shentomac Dairy, Inc. James Martin. 301-432-5301. Washington Co., MD.

Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat. Stump Acres 717-792-3216 York County.

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free delivery. Reuben Greenberg, Inc., Columbus, New Jersey 08022. Phone 609-298-1021."

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

Wanted - Herd of dairy cows or heifers, 301-358-0412.

For Sale - Guernsey cows and heifers, some fresh and some due soon, 215-696-1387

DAIRY CATTLE LEASING - Our #1 priority real-top-quality cows to make money for you, the farmer, and for us! Call for details. 607-776-3478. D.H. Rumsey, Bath, N.Y.

FOR SALE - Small Jersey Herd (41) - 7 Registered; 21 purebred and grade cows; 8 bred heifers due soon; 4 heif. calves; 1 bull calf. 609-261-4139 6 PM - 9 AM.

REG. HOLSTEIN SERVICE AGE BULLS
All are sired by the top A.I. bulls of the breed. Many from high record dams, all bulls are home raised w/a large selection to choose from. Call John Barley, Star Rock Farms. 717-872-4058.

FOR SALE - Registered polled Hereford cows, calves, steers, bulls. Reasonable. 215-647-2787.

For Sale - 20 registered holstein cows. Herd avg. 18,631 - 4.1 - 763. Calf hood vac. Enjoyment Farms. 814-926-3669.

Buy your steers direct from the farm. Approx. 90 Angus steers between 450-500 lbs.
301-775-2324

FOR SALE SIMMENTAL CATTLE
By Top A.I. Sires
Performance Tested and Registered
State Certified Herd
ACHILLES CATTLE CO.
SEMEN DISTRIBUTOR
Edward Pierce
R.D. 2
Neshanic Station, NJ
201-369-4039

FOR LEASE
Will lease to good farmers 1st calf heifers w/option to buy
Write: Sunrise Farms
Box 145
Codorus, PA 17311

FOR SALE
227 BLK - B W F steers weighing 800 lbs up 30 BLK B W F steers 700 lbs
Call
304-647-5064

Service age registered Holstein Bulls by Pete, Star, Astronaut, Glendale, Chief and others.
Dams classified Very Good with records over 29,000 lbs. milk . and 1195 lbs. milk fat.
STUMPLAND FARM
215-488-1965

Wanted To Buy
Registered Holstein Heifers, any age.
Write to **Abraham S. King**
139A Colonial Rd.
Gordonville, PA 17529
or call 717-656-7486

Bulls for Sale
Breeding age and under.
Maplebound Farm
Donald M. Hostetter
R.D. 2. Box 502
Parkesburg, PA
19365
215-857-9648

ATTENTION DAIRYMEN - ALWAYS AVAILABLE
Large selection of high producing registered and grade Holstein first calf heifers and cows
Terms Cash or short term credit Also, our very popular lease plan
All health precautions taken
If you need a new herd, additions, or replacements call or write
M. BARMANN & SONS, INC.
P O Box 437
New Hampton, N Y 10958
(914) 343-6875 Days - (914) 343-8381 Nights
ENTIRE DAIRIES BOUGHT & SOLD
Please Inquire About Our New Dairy Listing Service

LEO LUNGER
Professional Hoof Trimmer
We are Starting a
Special Hoof Trimming School.
It is a good profession. For School Information or Hoof Trimming Service,
Call **717-624-4512** or
717-792-2594
Virginia or Southern States Call
804-520-4514

9 HORSES AND MULES

Moorman Mfg. Co. Gro-Strong horse minerals. For Service. 717-597-3031.

Ponies For Sale. Phone 717-768-8080.

I will travel to your farm and shoe your road horses. By appointment only. Call evenings after 8 p.m. 717-627-1678.

TENNESSEE WALKERS - $500 - $1,800. Pleasure, field trial or show. Will trade Call 717-359-9237.

FOR SALE-Large Pinto Pony, 13.2H, 12 yrs. old. Has been shown successfully in 4-H, $800. 717-547-6382.

For Sale Registered Belgium Mares and Fillies. Also, 5 yr. old Stallion. 717-423-6293 Cumberland County.

Registered Belgium 6 yr. old stud and (3) 3 yr. old mares, bred, broke to farm machinery. All for $3,200 Your pick $900. 717-656-9548.

Registered Thoroughbred mare by Court Ruling out of Bold Hour mare, good black type family. Sells with paid breeding to multiple stakes placed Mr. Leader Son. $3,500. Also, yearling Roan colt 15H, broke to Ride Gentle, safe and sound. 717-933-5565/ 717-933-5565.

Riding Mule. 7 Year old gelding. 15.1 hands. Sound. Gentle. Ridden on trails and road 215-488-1641 or 215-777-3357.

Pennsylvania Draft Horse Mule association sale.
February 21, 1985
Blizzard date -
February 22, 1985.
Pennsylvania State Farm Show Building - Corner of Cameron and McClay Street, Harrisburg, Pa.
Tack - 9:00 A.M.
Horses - 12 noon
Terms - Tack and Draft Horse related items - 10% with maximum commission $50.00.
Horses - $30.00 to accompany consignment. If no sale - no refund. 6% commission - Maximum commission $180.00. $30.00 entry fee to be deducted from commission.
All horses will be cataloged to sell in sale.
Catalog Deadline December 1, 1984.
Horses must be sold in order of consignment.
Negative Coggins Test and Health papers within 6 months must accompany horses.
CONTACT FOR HORSE SALE
Elmer D. Lapp
Box 97 R.D. 1
Kinzers, Pa. 17535
717-768-8177

POLLED HEREFORDS
MARYLAND POLLED HEREFORD ASSOC.
watch for our
BLACK EYED SUSAN SALE
1st Saturday in April
At the Frederick Fairgrounds, Frederick Maryland
Become one of us, the most active and progressive Polled Hereford Association in the East
Enjoy the pleasure, excitement, fun and social fulfillment of owning Polled Hereford Cattle
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7E Parkview Apts Frederick, MD 21701 301-662-3808

Name _____
Address _____
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POLLED HEREFORDS
The Worlds Top Polled Herefords Right Here In Your Own Backyard

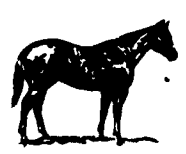
Welsh type pony, gelding, 4 year old, sound and gentle. Rides and drives. 215-488-1641 or 215-777-3357.

1 Fox Trotter mare, can be registered, green broke. 1 Older mixed breed mare. Anyone can ride. 1 Tennesee Walker mare with fillie. John R. Morral, RD2, Box 240, Clearville, Pa. 15535.

1 Fox Trotter mare, can be registered, green broke. 1 Older mixed breed mare. Anyone can ride. 1 Tennesee Walker mare with fillie 814-784-5601 or 814-784-5524

7 year old saddlebred driving horse. 717-786-3394.

8 yr. old saddlebred horse for sale. 17 hands. Jacob G Esch, 3470A W. Newport Rd., Ronks, Pa. 17572

JEN-AIR ACRES

Breeder of Show Quality Quarter Horses At Stud - Bueno Call & Bar Steeley Bar
Stop by & pick out your winner!
R.D. 2, Box 179
Berks Co.
Bernville, Pa. 19506
215-488-6914
or 488-7131

10 SHEEP AND GOATS

Moorman Mfg. Co. Special sheep minerals. For Service 717-597-3031.

Starter Flock-38 Ewes, 2 Rams. Suffolk-Suffolk crosses, all sound. Westmoreland. 412-459-8135 evenings.

15 young Suffolk ewes to lamb in January. 215-485-3903.

25 Finn X Rambioulet Bred Ewes. Lambed 214% last year. Records available for inspection, equipment. 717-744-2975

4 BRED REGISTERED Suffolk sheep, bred to registered ram. 717-786-3394.

10 SHEEP AND GOATS

Dairy Goats: A.D.G.A. Nubians. Pedigrees milk records to 3400 lb. Does, bucks and stud service. Price bargaining. Gettysburg 717-334-7993

FOR SALE: Registered Shropshire rams-2 yearlings, 2 lambs, 2 older rams. 717-334-6993.

FOR SALE -2 year old proven purebred Targhee ram. Producer of twins and triplets. $140. Chester Co. 215-255-4630.

For Sale - Registered Rambouillet yearling Ram $150.; Registered 2 yr. old Monodale Ram $150.; Registered 3 yr. old South-down Ram $100. (All were purchased at the Midwest Stud Ram Sale). 717-563-2589.

Just purchased! French Alpine *B Little Rise S.S. Brendan. Dam GCH Little Rise ROM. Brenda (daughter of Sunshine Robelta Rommel), 2*M 3-0 305 3282 120. Classified EX90. Sire +*B Sunshine Stella's Strike. Classified EX90 94th percentile PD milk. We believe this buck may possess the rare ability to improve both confirmation and production and, to help us prove this, his stud fee will be $35 this season. (717)432-4822.

SHEEP FOR SALE: 8 Bred ewes and 1 ram. Call 717-367-2914.

11 SWINE

DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U.S. Par-Kay Farm, Park F. Thomas, Beavertown, Pa. Phone 717-658-6544.

For Sale - Duroc boars & gilts. Sweigard Durocs, R.D. 3, Box 639, Halifax, Pa 717-896-3365.

If you have swine to sell or buy - check our swine column. It is read weekly by thousands. 717-394-3047 or 717-626-1164.

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested, Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

For Sale - Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921

Duroc, Yorkshire, Spotted Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052, 215-799-3375 or 3831.

Hampshire, Yorkshire, Landrace boars and gilts. Also rams and ewes. 717-244-1244.

8 sow, 1 gilt and 1 boar. Very good stock. All are crossed. 717-786-1882.

Chester White and spotted boars and gilts. Jim Parlett, Airville, PA. 717-862-3610.

45 Top Quality Yorkshire, Hampshire & Crossbred Open Gilts, ready to breed. Also Top Quality Service Age Yorkshire & Hampshire Boars. Delivery available. Validated free herd. John Strawbridge. 301-996-2022.

Purebred land race boars. Irish & Scottich bloodlines, service age, $175. 717-637-0192.

Yorkshire, Large White & Hampshire Service Boars Open Gilts & Bred Gilts. Will Deliver.
Joel R. Stern
RD 2, Box 366
East Berlin, PA 17316
717-292-4634

Crossbred sows, second and third litters due end of November and December. Some financing available. 814-685-3304 evenings and weekends.

FOR SALE-Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines.
Willow Glen Farm
R1, Box 221
Strasburg, PA 17579
717-786-2562

Large selection of open gilts. Purebred and crosses. Miller's Yorkshire Farm, R.D. #1, Box 1366, Spring Grove, Pa. 17362. 717-225-1926.

DUROC YORKSHIRE
Boars & Gilts
Noland Freeze Guards
Port-A-Hut
LEMMON FARM
RD 1, Newburg, Pa. 17240
Bruce E. Lemmon
or
Bruce E. Lemmon Jr
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REFERENCES FURNISHED
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DUROC BOARS
SERVICE AGE
Same Bloodlines as our PA Boar Test Pen.
Durocs..... $275
Rick Pfautz
RD 1, Box 42-A, Stevens, PA 17578
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FOR SALE
25 Yorkshire Boars
2 Hampshire Boars
Ready for heavy service
Houvale Farms
2150 Quentin Road
Lebanon, PA 17042
717-272-5798 or 273-2921

Purebred Yorkshire & York Landrace Cross Boars & Gilts

Tested Pseudorabies Free
Healthy Productive
Breeding Stock
IVAN M. SENSENIG
215-445-4649

THIS IS ONE OF THE PACKAGES OUR GILTS COME IN.
BOARS AND GILTS SALES OR LEASE
CALL TODAY
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EAST COAST HOG SERVICE
35 N. Cedar St. Lititz, PA 17543

ARNOLD HOG FARMS

34th SALE REPORT

59 Bred Gilts Average $307.
High Selling at $475
2 head to Alvin Schaeffer, Dalmatia
1 head to Montgomery GNR Center, Royersford

26 Boars Average $342.
High Selling at $460. to Marlin Campbell, Herndon
At $450. to Robert Bicksford, New York
At $450. to Ben Schaeffer, Dalmatia

30 Open Gilts Average $174.
High Selling at $270. to Elton Muth, Alburtis

115 Lots Average $280.26

NEXT SALE FEBRUARY 9, 1985
56 HEAD
Duroc-Landrace-Yorkshire Boars
Dec. and Jan. Service with Group Discounts
Open Gilts and Bred Gilts on Order

Vaccinated- Rhinitis, Erysipelas, Lepto & Parvo. Validated Brucellosis & Pseudorabies free herds. Delivery available.

Yorkshires - Landrace
Leon L. Arnold
R.D. 7, Box 705
Lebanon, PA 17042
717-273-5880

Durocs
Lawrence Arnold
R.D.1, Box 309
Womelsdorf, PA 19567
717-933-8153

DUROC & SPOTTED BOARS
Duroc, Spot, Crossbred Gilts
BOURBON SPRINGS FARM
R2, Newville, Pa 17241
Kenneth Ketterer
Phone 717-423-6250

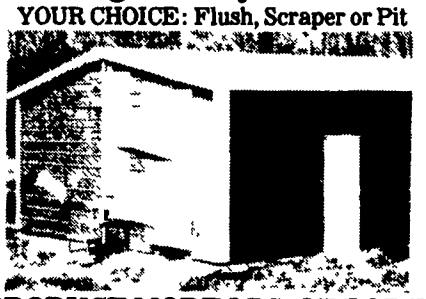
12 ARTIFICIAL BREEDING

Custom Semen Collecting - Farm or A.I. Stud request a price and information sheet. Experienced and reliable. Joseph P. Trainor, Honey Brook, Pa. 19344. Ans. Ser. 717-354-4374, 24 hr. recorder. 215-273-2280.

13 HOG EQUIPMENT AND SUPPLIES

J and S Swine Liquidation by Owner
ALL EQUIPMENT
Feeders, motors, augers, bins, 21 ton bins, 10 ton bins, 3 ton bins, 5 nursery buildings complete, grinder mixer mill. For more information, call 301-228-4047 after 5 PM and ask for Elmer or Tom.

Factory-Built Swine Building Farrowing/Nursery Combination
Farmcraft
YOUR CHOICE: Flush, Scraper or Pit



PRODUCE MORE LBS. OF PORK WITH FEWER $$$ OF COST AND HOURS OF LABOR
Choice of 7 Sizes and Floor Plans
Ask About Our LEASE-PURCHASE PLAN which has tax advantages.
(8-Used) Nursery Pens
4'x8' Complete
EMHERR EQUIP. INC.
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(717) 464-3321 or Toll Free
1-800-732-0053

Moorman Mfg. Co. Hog & Beef Products for the best return on your mineral investment. For Service 717-597-3031.

6 Farrowing Crates 7' long complete with nipple and bowl, waterers, sow guards and creep area. All in good condition. $100 each. Call Juniata Co. 717-436-8044.

SPECIALIZING IN UP-TO-DATE DESIGN & QUALITY CONSTRUCTION OF HOG CONFINEMENT SYSTEMS.
We also manufacture Confinement Equipment and handle a full line of products for today's swine industry, including automated ventilation, feed handling and manure handling systems.
TRI-COUNTY
PHONE 717-274-3488 LEBANON PA.
BUILDINGS SALES EQUIPMENT
SWINE SYSTEMS

PRE-WINTER ODDS & ENDS CLEANUP SALE ON NEW & USED HOG & POULTRY EQUIP.
- (3) New 6 Hole. S.S. Wet Finishing Feeders
- (2) New 5 Hole S.S. Wet Finishing Feeders
- New 8 Hole S.S. Nursery Feeder
- New 8 Hole S.S. Nursery Feeder
- New 5 Hole Bainbridge Wooden Nursery Feeder
- New 3 Hole Bainbridge Wooden Finishing Feeder
- New 4 Hole Bainbridge Wooden Finisher w/ Lids & Roof
- New 5 Hole Econok Grower Feeder
- (10) Used GP600 Northco Brooders, LP Gas
- 4000 Ft. of Used Big Dutchman Chicken Trough
- 4000 Ft. of Used Big Dutchman Chicken Chain
- (40) Used Galv. Farrowing Crates w/Creep Dividers
- (4) Used Fans
- (4) New 4 Gal. Old-Style Medicators
- New S-30 Davis Mixer w/Beam Scales

Much, Much More

SWINE & POULTRY SYSTEMS SPECIALISTS
FARMER BOY AG. INC
410 E LINCOLN AVE MYERSTOWN PA 17067 PH 717 866 7565
BEST IN DESIGN, PRICE AND EXPERIENCE

14 POULTRY AND SUPPLIES

Several gas brooders, small and large metal feeders, nests, chain feeder, grit hoppers. Make offer. 717-569-2076.

2,000 or less sex sal (brown) pullets. Will be 20 weeks old Nov. 29. Also, live or dressed Capons. Call 215-536-2173. Robert R. Gehman, RD2, Box 165, Coopersburg, Pa. 18036. Lehigh County.

Egg washer, all stainless, gas heated, Kuhl super-50 with SWSH oiler, vacuum lifter, ideal also for in-line operation, plus 35-case Staalkat grader, candler, belt conveyor, closer, roundtable, all in excellent condition. Can be seen working. Owner retiring. Take all for $8500. 609-758-7300.

6,000 C-5X Hart cups, brand new, never used. 717-684-8330 or 717-684-3496.

POULTRY BUSINESS FOR SALE-Kline Village Market. Cuber, grinder, horn, cases, freezer, register, scales and supplies. 717-243-3931717-432-5546.

12 row Kool's washer, dryer and candler accumulator Also 2 Egg-O-Matic 60 case per hour egg packers Still in use Will be available January 1st
717-684-6108

READY-TO-LAY PULLETS AVAILABLE

3500 Sex Sal (brown)	Oct. 12
5000 Babcock (brown)	Nov. 7
5000 DeKalb XL	Nov. 23
5000 DeKalb XL	Nov. 29

Moyer's CHICKS, INC.
DEKALB BROWN & WHITE EGG LAYERS
Quakertown, PA 18951
(215) 536-3155
HUBBARD WHITE MT BROILERS

14 POULTRY AND SUPPLIES

4 Year Old Equipment From 44'x304' Breeder Layer House;
All Equipment In Very Good Condition

No Reasonable Offer Refused

	Sell Price Approx. ½ of new price
1200 Ft. Favorite Flat Chain	$400
1 - 40' Flex Auger With Drive, Motor and Switch	$384.00
4 - 36" ½ Hp Zimmerman Fans With Shutter and Thermostats	$320.00
2 - Choretime Power Packs	$175.00 ea.
1 - Choretime Static Monitor	$230.00 ea.
160 - Oak Roosts With 1"x1" Oak Slats 4'x14'	$20.00 ea.
4 - 24" Choretime Fans	$190.00 ea.
4 - Modulators	$70.00 ea.

This Equipment Is Not From An Avian Flu House

SWINE & POULTRY SYSTEMS SPECIALISTS
FARMER BOY AG. INC.
410 E LINCOLN AVE MYERSTOWN, PA 17067 PH 717-866-7565,

BEST IN DESIGN, PRICE AND EXPERIENCE

WANTED
Shelled Corn
Dry
The Egg Basket
Daytime 717-653-4743
Evening 717-653-8803

WANTED
Ear Corn & Shelled Corn
RONALD S. KEENER
Elizabethtown, Pa.
717-367-6309

D.E. Horn & Co. of Red Lion, Inc.
DRYING & STORING
BUYING & SELLING
Shelled corn, barley, oats
Rt. 74 south. Receiving daily
717-244-4511
"Service Makes the Difference"

Buying Ear Corn
Shelled Corn
Picked Up At Your Farm
or Delivered to Manheim
NOLL GRAIN
RD 2, Manheim, PA
717-665-4785
717-665-9463

M & R GRAINS, INC.
Mt. Joy, PA
717-653-8846
DRYING, STORING, BUYING AND SELLING SHELLED CORN AND SOYBEANS
- No Storage Charges Till Dec. 1st
- No In-Out Charges
- Soybean Storage 25¢ Flat Rate
- Corn Storage 3¢ Per Month With 10¢ Minimum

IF YOU HAVE GRAIN
WE BUY
IF YOU NEED GRAIN
WE SELL
Shelled Corn
Soybeans
Custom Drying - Contracting
NELSON L. ROHRER
Lancaster, PA
717-569-7929 717-569-4383

WANTED
Shelled corn and soybeans
Dealer in small grains,
contract or spot purchase.
EARL R. MARTIN INC.
P.O. Box 3, East Earl, PA
717-354-4061

WILL BUY YOUR CORN AT A TOP PRICE
We can pick up wet or dry corn within a 50 mile radius of Fredericksburg, PA. We have a combine available within a 15 mile radius of Fredericksburg for corn.
Dutch Country Egg Farms
R.D. #1
Fredericksburg, PA 17026
Call Dale or John for details at:
717-865-6637
between 7 AM and 5 PM

Wet Brewers Grain - Sawdust
Ernest J. Tomer Trucking, Inc.
Box 168, R.D. 2
Philipsburg, NJ 08865
201-475-2578

15 FEED AND SEED

Corn Silage for sale: Will deliver to your farm. Phone 717-872-4058.

FOR SALE-Approx. 200 tons of corn silage out of silo with unloader. Hauling available. Best offer. Chester Co. 215-593-6127.

FOR SALE-Milow, 20,000 bushels, Dekalb yellow. Very high in protein & licin. $3.00 a bushel. 717:637-0192.

FOR SALE:
SEED RYE
301-692-5048.

For Sale: Corn Fodder and Soybean Stems in field, you bale. Lebanon, 717-933-5370.

For Sale: Good PA Hay and Straw. Alfalfa, Clover, Timothy or grass. Lycoming Co., 717-584-4596.

For Sale: Large mixed hay bales. Call for price. 215-274-8009

WANTED: Choice mixture hay, alfalfa and timothy or alfalfa and orchard grass. Must be top quality. Please call 301-734-6906.

Dry shelled sweet corn, very good for feed, 10+% protein, $90 per ton. F.O. Mitchel & Bros. Inc., Perryman, MD 21130. 301-272-3636, Day, 272-2620, Nite.

Custom Handling - Hay - Straw - etc. 26 Ft. Flat-bed 10T. load - also. Will buy hay and straw. Ph. 717-739-2807 or 739-2834.

Wanted - chicken litter out of silo, will pick up, 301-833-1847.

32% liquid protein, wholesale/retail from manufacturer. Dealer inquiries invited. Call collect, 301-343-0343.

For Sale - Hay, Straw, Corn, trailer load lots. We will deliver. 717-494-0550.

For Sale - Old process soybean meal. H. Jacob Hoober, Intercourse, PA. 717-768-3431.

FOR SALE - Large grain rye seed, bulk $4.00 a bushel or cleaned & bagged $5.00 a bushel. Lanc. Co. 717-733-4516.

Rye Seed Bagged Or Bulk. Any Amount. 717-626-7747 or 859-2960.

For Sale: Mulch hay by the bale or ton. Lee Feed Cart, never used, gas engine. Dauphin Co., 717-566-2749 after 4 p.m.

Hay, large round bales, Alfalfa tre-foil, $180.00, ten bales, will load. Phone 607-324-5633, 607-324-2999, Hornell, N.Y.

Organic grown corn. Wish to sell as high moisture shell corn including approx. 90% of the cobs. Crushed. Approx. 150 ton available after Nov. 14. Call 6:30 AM or evenings up to 10 p.m. Lanc. Co. 717-656-7656.

RYE FOR SALE-$3.75 a bushel in bulk. $4.75 or less for bagged. Will Deliver. Lancaster Co. Klyde H. Kreider 717-898-8927.

SALE Corn Fodder, big round bales $25. Also, Alfalfa Hay and Wheat Straw. 717-548-2561 Chester Eckman, R.D.1 Peach Bottom, Pa. 17563

Straw Wanted -Wheat, barley or rye. Bright only. Pay $90 and up. We haul. Cash at local scale. Also need top Timothy. Evenings 215-588-7697. If no answer call 201-454-8259.

Timothy and Orchard Grass; First, second, third cutting Alfalfa, all good hay. Sold at barn. Northern Chester Co. 215-827-7687.

WANTED: New Ear Corn delivered. Call 717-426-3135.

100,000 Bales of our own home grown hay; all kinds for horses or cattle; something for everyone; delivery available; 216-223-1491.

Choice Timothy
& Alfalfa,
Timothy & Clover
and Timothy Hay
717-324-2841

Buying and Selling
High Moisture Corn
Air Blown, whole kernel corn
3000 tons storage
Stern Farms
Call for price.
Trucking Available.
717-748-2563

FOR SALE
Peanut Hulls,
Sawdust & Shavings
Hay & Straw
Bulk - Bagged - Bales
717-529-2855
If no answer 717-529-2204

BUYING EAR CORN AND SHELLED CORN
Picked up at your farm or delivered to Marietta
Spot or contract prices available
60 ft. scale
CUSTOM DRYING AND STORAGE
R.K. VOGT GRAIN
RD #1, Marietta, PA
717-653-2510
"Customers make our day"

BUYING SOYBEANS EAR & SHELLED CORN
CONTRACT OR SPOT PURCHASE
- Corn & Bean Combining
- Trucking
- Drying

MARTIN GRAIN
R.D. #1, Mount Joy, PA 17552
717-653-1085

CUSTOM GRAIN DRYING AND STORING
ASCS storage available
Fast Unloading and Loading
340,000 bushel storage
Receiving Saturdays & Late Hours In Rush Season
BUYING EAR CORN AND SHELLED CORN
Spot or Contract
Call for prices.
Picked up at your farm or delivered to Milton, PA
SHOOP GRAIN CENTER
R.D. 1, Box 282, Milton, PA 17847
717-524-0325

We'll buy your grain.

Delivered, or F.O.B. Your Tank
Grain Receiving in Lancaster, York, Palmyra

Call Pennfield Corporation at 299-2561

Area 717 or 215
Call Toll Free 800-732-0467
Outside of PA
Call Toll Free 800-233-0202

pennfield feeds

15 FEED AND SEED

WANTED
ALFALFA, TIMOTHY & MIXED HAY & EAR CORN
Will pickup
JAMES G. KREIDER
717-786-3936
Lancaster Co.

OATS FOR SALE
717-324-2841

WANTED
ANY KIND OF QUALITY STRAW.
WILL PICKUP
717-392-6121

BUYING WHEAT CORN & SOYBEANS
CONTRACT OR SPOT PURCHASE
480,000 bu. Storage capacity
Fast unloading, digital printout scales
HOSTETTER GRAIN
RD 1, Oxford, PA
Located along Rt. 10 between Russelville & Oxford
215-932-4484 business
215-932-9599 Residence

Sell direct to us for cash.
* Fowl
* Pigeons
* Bantams
* Pullets
* Capons
* Rabbits
* Guineas
* Chuckers
* Turkeys
* Lambs
* Goats

JACK MINTZ POULTRY
215-267-4784

WANTED
All kinds of hay
Will pick up
Harvey Z. Martin
215-445-5303
Lancaster County

WANTED
Top Quality Horse Hay & Straw
C.M. Schnelle
215-255-4378

TIMOTHY HAY
$110 a ton
Delivered within 60 mile radius of Harrisburg.
In 4 or 12 ton loads
814-344-8659

BUYING EAR & SHELLED CORN BARLEY, SOYBEANS & WHEAT
Receiving Daily
Rt 372 - 2 Mi
West of Buck, PA
PH: 717-284-4628
717-284-3362
MARK RISSER
Holtwood RD 1
PA 17532

16 FERTILIZER

$ FARMERS SAVE $
USE MUSHROOM SOIL AND POULTRY MANURE FOR FERTILIZER
MAHLON H. MARTIN & CO.
717-859-3348
or 215-267-6400

BROILER MANURE FOR SALE
Delivered in 22 ton trailer loads
717-354-4175

Wanted
Mulch hay.
Current prices paid.
Hudson Farms, Inc.
Call 215-869-2408
or
215-869-2409

SELLING HIGH MOISTURE CORN
Will Deliver
LUKE H. KURTZ
215-944-0263
Berks Co.

16 FERTILIZER

Wanted - chicken litter out of silo, will pick up, 301-833-1847.

FALL SPECIAL BROILER MANURE
Cumberland Co.
$11.00 a ton
Dauphin & Adams
$12.00 a ton
717-582-2352
717-582-2358

LIME
Calko™ = Lime plus Potash and Sulfur.
Compare our analysis!
77% calcium carbonate 40% calcium oxide 75 ENP (Effective Neutralizing Power) 3% Potash (K_2O) 45% Sulfate USDA Tested & Proven Only $5.00 per ton F.O.B. We Deliver!
Agri-Dynamics
Box 318
Martin's Creek, PA 18063
(215) 588-8150

18 FRUITS AND VEGETABLES

For Sale - Oyster shells, Contact Nelson Weaver & Son, Inc., Lititz, PA 717-626-8538

ProLasse 8%
All Natural Molasses Base Liquid Protein. Make sweet feed with any PTO mixer. Wholesale, retail from manufacturer, dealer inquiries invited. Call collect. 301-343-0343

Will buy moldy grain, 301-833-1847.

20 LAWN AND GARDEN

FOR SALE-Used Yazoo Rider, 16HP, 42" cut, good condition, $1,995. Hollinger's Lawn & Garden Equipment, Ephrata, PA. 717-738-1131.

FOR SALE-8 acres of turnips in the field selling by the bushel. 215-355-7399.

TRUCK LOAD
of Florida Citrus Fruit, Fish, Oysters and Shrimp.
November 19,20 & 21.
Petersheim Store
RD 1
Christiana, PA 17509
1 Mile East of Nickel Mines

19 NURSERY

FOR SALE
HI-CALCIUM
PULVERIZED, BURNT LIMESTONE
Analysis: 90.53% Calcium Carbonate Equivalent
95% Passing 100 Mesh
Hi-Mag Lime Available Also
* Damp Lime (Spread w/Spinner Trucks) $9.40 Per Ton
* Dry Lime (Spread w/Boom Trucks) . . $11.90 Per Ton
Prices Are In Zone #1 - Call For Prices In Your Area.
We Deliver Anywhere
KEYSTONE AG
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717-933-4400 Call Anytime

STRAWBERRY MULCHER HOTLINE
1-800-222-2948
Sales - Leasing - Rental
Local (301) 398-2948

21 SERVICES OFFERED

J.C. Ehrlich Co., Inc. Termite, Pest, Rodent and Smoke Control. Lawn and Shrubbery Spraying. Free estimates. 1278 Loop Road, Lancaster, Pa. Phone 717-397-3722.

Soybean roasting on your farm. Dale L. Schnupp. RD 6 Lebanon, PA 17042. 717-865-6611

Bradford's Cattle Hoof Trimming. 301-452-8574 or 301-838-5105 (ans. ser.)

CATTLE HOOF TRIMMING. Chip Hendrickson, Sam Swearingen, Lewistown, PA. Distance is not a concern. 717-242-3095.

Computerized record keeping. Production and herd health. Ration balancing, crop management, accounting, farm financial analysis, soil and forage sampling. Contact Ram Computes, RD#1, Box 658M, Chicora, Pa. 16025.

Financing Available for Farm non-licensed equipment. Minimum of $10,000. Reply to: Lancaster Farming, P O Box 366 K-41, Lititz, Pa 17543.

22 CUSTOM WORK

Custom Corn Shelling with 750 Massey Combine, Quarryville area 717-786-2839.

QUALITY FEED INGREDIENTS
(Reasonable Prices)
48% Soybean Meal
Roasted Soybeans
Dried Corn Distillers
Soybean Hulls
Corn Glutton Feed
Shelled Corn
* Blower Truck Delivery
* Dump Trailer Delivery
* F.O.B. Our Tank or Right From The Railroad Car
3 Ton Minimum Delivery
Lock in These Low 48% Soybean Meal Prices.
Pricing Meal into next summer.
Buying Dried Shelled Corn
HERSHEY AG SERVICES
R.D. 1, Box 139 Marietta, PA 17547
Call Collect 717-653-8783

ATTENTION FARMERS
SURE-CROP LIQUID PLANT FOOD
If You Are Planning Ahead And Want To Save On Your Spring Fertilizer Costs, Act Now. With Our New Early Order and Prepaid Discounts You Can Cut Your Planting Costs Substantially.
Take this opportunity to lower your costs and increase your yields and profits.
As always Sure-Crop is produced with the highest quality raw materials available using all white phosphoric acid, potassium hydroxide, aqua ammonia, and urea, which is blended to form a high quality product.
Don't Delay Call Today
Sure-Crop Is Working To Increase Your Profits
To Order Or For More Information Call Or Write The Manufacturer.
KELMANADA INC.
RD #2 Box 4210 Grantville, PA 17028
717-469-2864
Sales People Wanted

DANIEL S. SMUCKER
BUILDER
AGRICULTURAL - RESIDENTIAL
Specializing in Pole Bldg's
R.D. 2 717-768-8606
Narvon, PA 17555 717-768-8614

22 CUSTOM WORK

NOTICE: Custom round corn fodder baling. Reasonable price. Call 215-445-6851.

CUSTOM ROUND BALING
For Corn Fodder

Have truck and rollback - will bale in Lanc. Co. and surrounding counties.

Free use of fork for transporting bales while baling on your farm.

$6.00 per bale (includes tractor, baler, twine, fuel & operator)

100 bales or more - $5.75

Leroy Zimmerman
RD 2, Ephrata, PA 717-859-3118

CUSTOM ROUND BALING
Medium Size
Harry Zimmerman Jr.
R.D. #1
East Earl, PA 17519
215-445-6987

Custom Round Baling. Curtis Hoover, Manheim, PA. 717-898-8124.

Custom Liquid Manure Hauling
Manure Agitator
York, Harford & Surrounding Counties
717-382-4881

CUSTOM ROUND BALING
Elvin Wenger
R.D. #4 Ephrata
Farmersville, PA
Reasonable Rates
717-656-7729

Need Your Storage Shed Moved?
CALL US
717-442-8564

CATTLE HOOF TRIMMING
Donald Schock
717-244-6007
Lancaster & Surrounding Counties

CUSTOM BAGGING
CHARVIN FARM
RD #4 Manheim, PA 17545
717-665-7471
GOSSETT PREMIXES

CUSTOM BAGGING
Professional Service - We stay with the machine to save you TIME & MONEY
(Our aim is to keep your chopper IN the field chopping, not at the endrow idling).
For prices and scheduling call 717-665-7471

- ★ We have liquid preservative available for hay baling
- ★ We have dry innoculant for ryelage, haylage, & silages.

These Items Are Priced Right

23 HELP WANTED

MUSHROOM FARM GENERAL WORK-Experience of front end loader and 10-wheel truck operation is required. Prefer persons with good mechanical aptitude. House available. 215-593-6093. 7-8 PM or send resume to Chen Mushroom Farm, Rt. 2, Box 3, Chiristiana, PA 17509.

NEEDED: Young Christian couple experienced in poultry for a medium sized modern operation. References required. Lancaster County. Write to Lancaster Farming, PO Box 366-A-23, Lititz, Pa. 17543.

Position open for person to feed large dairy herd and do relief milking. Housing and benefits included. 717-872-9392.

Property facility caretaker, 500 plus acres, Youth Camp, Chester Co., general maintenance, carpenter skills helpful, salary, housing, medical insurance. Send resume to Lancaster Farming, P.O. Box 366 K-37, Lititz, PA 17543.

REAL ESTATE FARM AGENTS NEEDED: Lebanon, Berks, Lancaster, Dauphin, Schuylkill Counties. Call or Write: REAL ESTATE BROKER AUTIONEER NELSON EBERSOLE 717-867-5221. SUBURBAN REALTY-FARM DIVISION, 30 West Main Street, Annville, PA 17003.

Responsible person or family to run boiler operation. (2) 24,000 bird houses Poultry experience preferred. House and utilities provided, safary and benefits. Cecil Co. Send Resume and references to: Rose Hill Farm, Inc. P.O. Box 161, Earleville, MD 21919.

ROSE GROWER - steady, fulltime greenhouse work growing roses as cut flowers. Alternating 6 and 6½ day weeks. Agricultural experience necessary. Company provides benefits and is located near Willow Grove, PA in Eastern Montgomery County. Please reply to: Lancaster Farming, P.O. Box 366 R-20, Lititz, PA 17543.

SALESPERSON FOR FARM EQUIPMENT DEALER. Lancaster Farming, P.O. Box 366, K-39, Lititz, PA 17543.

WANTED: Dairy farm help. Only reliable, experienced person interested in registered Holsteins need apply. Halifax area, Dauphin Co. 717-896-3128

WANTED Mennonite or Amish person for small engine mechanic in ag-related business. Experience helpful but not very important. Lancaster Farming, P.O. Box 366, K-38, Lititz, PA 17543.

HELP WANTED: Person for mechanic work on large orchard and farm in Berkeley County, W. Va. Must be experienced in diesel or gasoline engines, welding or electrical wiring. Salary and benefits according to experience. Send resume to:
Porterfield Orchards, Inc.,
Rt. 2, Box 341,
Martinsburg,
W. Va. 25401
or call 304-267-4513.

HERDSMAN, milking and field work, married person with small family. References required. Send resume to Lancaster Farming, P.O. Box 366, A-25, Lititz, PA 17543.

Help wanted on dairy farm. Some tractor work. Recent experience. Good wages, mobile home and utilities. 301-452-8603.

Herdsman-milker. Person should be experienced in milking, herd health and handling good cows. Good salary, good housing, family health insurance, pension, regular time off. Fairmount Farms, 301-374-2273.

Herdsperson wanted for 200 cow dairy operation. Must be able to keep records, breed cows, handle basic herd health problems, and maintain equipment. Nice house and fringe package. Looking for an experienced, capable person. Rochester, N.Y. area. Call 716-624-2970 after 8 p.m.

Individual to take responsibility of small dairy herd. Possibility of some field work. 301-778-0349.

MANAGER WANTED for local Co-Op. Agricultural background with knowledge in feed grain marketing, seeds and fertilizer. Send written resume indicating experience, education and references to: Thurmont Co-Op, Thurmont, MD 21788. Attn: Lynn Ausherman.

Married or single, Christian man to work general farm work, housing provided. No Sunday work. York Co. 717-225-1845.

MILKER WANTED - to milk 50 cows and care for calves and livestock. Position available immediately. 201-832-2214. Lancaster Farming, P.O. Box 366 L-41, Lititz, PA 17543.

Caretaker Couple - Villanova area. Experienced house & garden maintenance. Own 2 bedroom home on property. No children. Call 215-525-8762.

Christian family to operate poultry farm, with option to buy. 90,000 layer, 30,000 pullet capacity. Must be mechanically inclined. Tell experience, if any, age, family size. Burdette Chamberlain, R.D.#1, Box 608, Lawrenceville, PA 16929

Christian person or student to help with milking and farm work. Evenings and some mornings. 717-653-4923 or 717-653-4477.

Christian couple wanted for work on large modern dairy farm. Housing provided. Lancaster Farming, P.O. Box 366, R-21, Lititz, PA 17543.

Excellent Income for part time home assembly work. For info. Call 312-741-8400, Est. 503.

Experienced Christian single person for dairy farm work. Lancaster Co. 717-653-5811

FARM MANAGER: Must be good with livestock and farm machinery. Beef cattle, good starting salary, living accomodations, benefits. Must have experience. Bernardsville, N.J. Call 201-766-1500, 9 to 5.

Farm Manager: Operate 60 cow dairy and do field work. Excellent family farm opportunity. House and benefits. References required. Northern Baltimore Co. 301-374-2888.

FULL-TIME POSITION on Huntingdon Co. dairy farm. House, utilities provided. References required. 814-684-1128.

HELP WANTED-Full-time farm consultant to sale & service livestock farmers for growing feed dealership. Must have rural backround, some college, business or sales experience. Must be hard worker, friendly & good communicator. Ambitious & present clean cut appearance. A good job w/good benefits for well qualified person. Western Cumberland Co. Lancaster Farming, P.O. Box 366, A-22, Lititz, PA 17543

Help Wanted
Fertilizer plant needs workers for production and shipping of fertilizer and ag related products.
Apply:
R/K Agri Service
500 Running Pump Road
Lancaster, PA 17603

WANTED
Branch Sales Manager
for a nation wide feed company. Feed sales and management experience required. PA location.
$35,000 - $37,000 plus extras
Call Pat 515-394-3147
Agri Careers, Inc.
New Hampton, IA 50659

HELP WANTED
Seed dealer wanted for 50 year old seed company with multi million dollar research. Super attractive Sales Program. Several open areas left. For details and a personal visit write
Lancaster Farming
P.O. Box 366 B-2
Lititz, PA 17543

AG SALES OPPORTUNITY
Salary, Expenses, Commission
Professional sales training provided. Sales experience or Ag background desirable. submit resume in confidence to Lancaster Farming, PO Box 366-A-27, Lititz, Pa. 17543.

Assistant herdsman wanted. 275 milking herd. Carrousel milking parlor, automatic take-off. Good salary with housing and medical benefits. Call 215-274-8009.

Historic renovation craftsman needed to begin November. We are looking for varifiable experience and sensitivity to building restoration. Masonry, carpentry, plastering, painting, roofing and related skills needed. Both individuals and subcontractors. Call 301-879-5447.

Large crop farm, Sussex Co., N.J. needs full time, reliable assistant experienced in field work, mechanical and maintenance work. Salary and house included. Send resume to Lancaster Farming, Box 366, A-26, Lititz, Pa. 17543

Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call:
Animal Medic, Inc.
717-266-5611

Dairy Farm Employees Needed Now!
Many excellent opportunities.
References, relocation and recent dairy experience required.
Employers pay us.
515-394-3145
AGRIcareers
New Hampton, IA 50659

24 SITUATIONS WANTED

Fulltime preferred or part-time work on beef cattle or horse breeding operation, considerable experience w AI pregnancy palpitation in cattle hand mating in horses. Resume references upon request. Call Rob at 215-644-9572

Married man wants work on farm. Prefer beef, will dairy. Have strong mechanical aptitude, willing to learn. Must have good clean housing. 717-762-8743.

Position with beef operation with chance to buy into operation Prefer Western Pa. Rich, RD1, Box 658M, Chicora, Pa. 16025.

Responsible single male, 25 years old, seeking employment, modern dairy and/or beef cattle farm. Housing, pay grade negotiable. Preferrably Chester or Southern Chester Co. 215-932-4851.

Wanted: Position with an agricultural consulting firm. Have a B.S. in Agronomy with farm, research and extension experience. Call 215-944-0255.

Young couple looking for dairy herd, approximately 40 with 14,000 lb. herd average. Call after 3:00, Ebensburg, 814-472-6752

Young family would like to take over dairy from retiring farmer. Have lifetime experience and own some cows. Prefer Bradford, Tioga or West Central, Pa Reply to Lancaster Farming, P O Box 366 K-40, Lititz, Pa 17543

8 years experiience of hog confinement complex. Looking for position as manager. Wanting to relocate to PA. Mike Jensen, Box 79, West Point, NB 68788.

25 BUSINESS OPPORTUNITIES

Anyone interested in an excellent business opportunity by obtaining the John Deere Agricultural and Consumer Products contract for the Bloomsburg, PA area, please contact: Mr. Henry Schwabrow at John Deere Co., P.O. Box 4949 Syracuse, NY 13221. 315-432-9300.

BUSINESS LOANS / FARM LOANS-$10,000 and up. We represent private investers with funds available for your loan needs. Fast Service. Century Financial Services, State College, PA 814-238-4088.

100 breeding rabbits series 5000 breeding cages 1 yr old, watering system and feeders. Can include 1974 pickup with cab. Ask for Phil 203-755-6069.

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26 HOUSEHOLD

Glenwood Hot Air Wood Furnace. Excellent condition w/guarantee, can add to existing furnace. 301-733-6371, Hagerstown, Maryland.

30 Percent Discount Sale on Cast Iron Furnace Doors and Butcher Kettles. We have several 26" kettles, mint condition. Heavy duty Wood Stove. 896 6 miles South of Strasburg to Georgetown ¼ mile West on Furnace Rd., 15 mi. South of Lancaster. Jacob E. Fisher, R.D 3, Box 106, Furnace Rd., Lancaster, Pa. 17566.

27 PETS

Registered Blue Heeler puppies (Australian Cattle Dog) Sire Dam excellent workers, great companions. Good watch dog. $100. Newton, NJ 201-383-3745.

Register Blue Heeler puppies. (Austrailian Cattle dog). Sire and Dam excellent workers, great companions. Shots, wormed. $100. Newton, NJ 201-383-3745.

Registered Australian Cattle Dog, male $50. Good stock dogs, good companions and watch dogs. 717-529-2937.

ST. BERNARD PUPPIES. Near Heller's Church on West Eby Rd. Ben Esh, Jr., RD 1, Box 427, Bird-in-Hand, PA 17505

3 male tri-color purebred Border Collie puppies. Both parents are working and trial dogs. Call 717-675-4553

AKC Basset puppies older dogs. Top bloodlines. 717-349-7456.

AKC registered black miniature Schnauzers. Excellent conformation, quality breeding stock. Shots and wormed. 717-285-3023.

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Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802.

Wanted - puppies for pets. AKC purebred mixed litters. 717-442-4259.

MONEY FOR PUPS
in litter lots for resale in my pet shop. Will pick up. Cash paid.
Call
Charlie Hackett
mornings.
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I Need 209 Pups Tues., Nov. 20

PUPS WANTED by Jo Jo The Dog Man
$ Top Dollar Paid $
I need puppies to 8 weeks old every Tuesday evening from 7-9 PM at Root's Farm Market 4 miles south of Manheim, off of Rt 72, Manheim, PA

Pure and Mixed Breeds Purchased

If you have any questions, phone
609-452-8903
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P S - I especially need German Shepherd and German Shepherd look alikes

P S S - There will be a $100 prize for the cutest pup purchased And a $100 prize for the farmer who comes the furthest distance on Tues, Dec 4

32 MISCELLANEOUS

Aluminum garage doors 8x10 from service station. Oil forced air heaters. Best Offer. 215-647-8778

Dusk collecter with 5 HP motor, 3 phase. $175. 215-542-7980. 215-646-9057.

Electric Yale crane truck K42 SH-6-7-78 maximum capacity, 6,000 lbs. $2,500. 215-542-7980. 215-646-9057.

FOR SALE-Locust Posts and dry fire wood. Ben F. Stoltzfus, 254 Mascot Rd., Ronks, PA 17572.

For Sale - Holstein Feeder Steers; Brown Swiss Bull; Seed Wheat; 717-872-5554.

Log Splitter 3 pt. hitch, hydraulic pump. $950. or best offer. 215-343-6293.

NOTICE - Will do any kind of hauling to Western and Upstate Pa. Also New York. From Lancaster and surrounding areas. 717-392-6121 evenings.

Plans for Tracto Mailbox, $10. Display your favorite tractor on your farm mailbox. Gene Mitchell Cedarshop, Box 146, Rustburg, VA 24588.

32 MISCELLANEOUS

Pole Buildings 24'x40' completely erected $3,975.00. Overhead and entrance doors included. Other sizes available. Call CHAPARAL BUILDINGS 1-800-772-0072 8:00 a.m - 7:00 p.m.

Toledo 2" electric pipe machine with complete set of quick opening dies. $500. 717-653-8054. 717-285-3208.

Wanted To Buy large quantities of firewood, cut and split or in logs Call 717-392-6121 evenings

We buy deer and beef hides and raw fur. Roots Market Tuesday nights. Hiestand Dealer 717-898-7055

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30-8' Florescent light fixtures with four 4' light bulbs, $10 each. 40-Heavy aluminum window frames 44"x82" with one 14" tilt window, $20 each. Call 215-699-8257 6 AM-8 AM or after 5 PM.

42" Bottcher and Gessner Drum Sander, Drill Presses, Angle Iron, Sheet Metal. Edward's Trading Post, Rt. 46, Great Meadows, NJ. 201-637-4663.

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Copper 40 gal. apple butter kettle with stank, excellent condition, $450.00. 301-694-9527.

Continental Red Seal engines Models F162 with transmission. Models Y112 with Rockford clutch, like new. Phone 717-626-7663. Lancaster Co.

1967 International w/18' tilt bed, 304 V8, heavy rear springs and new oak flooring. Montrose Tractor Sales 717-278-3845.

1970 Int. 2000D 230 Cummings 10 spd. trans., 22' cattle body wooden, will sell separately. 814-695-6177.

1972 Chevy 1 ton stake body, 6 cyl., 79,000 miles, 4 new winter tires, $1200. Juniata Co., 717-527-2573.

1972 Ford 8000C 10 wheeler, 225 HP cat, 13 speed road ranger, 22' bed with 4' extension, new clutch and transmission. $7,200 or best offer. After 6 PM ask for Ivan 717-768-3052.

1972 Tractor Ford Sleeper Cab, 238 Detroit engine, selling for parts only. 100 gal. Propane Tank, propane carb, about 60 gals. of propane in tank. This tank is made for saddle tank mounting on truck. Make offer on above tractor propane tank. Phone 717-234-7851 and ask for Dan.

1973 Diamond Rio Detroit motor, whole or parts. Steel dump trailer, 23' long with high sides. 215-255-5145.

1973 Dodge cattle truck with wooden Hostetter body, 11 ft., excellent for hauling horses. Call 717-786-2750.

1975 GMC with 24' Jer-Dan rollback body; 1964 Ford C-700 with 22' Schwartz rollback body, excellent condition; 1976 Chevy tandem grain truck, 18' body and hoist. 201-782-5082.

1977 Chevrolet crew cab, dual wheel pickup. 10,000 GVW. Equipped for hauling, excellent. $5,800. 717-653-8054. 717-285-3208.

1977 LN7000 Ford cab and chassis, 3208 Cat motor, 5 SP, 2 SP, PS, good condition. $7,500. Bucks Co 215-297-8354.

1983 VW sport pickup truck, front WD 29,000 miles, cap, radials, $4,900. 77 IHC tractor, Fruhauf dump trailer, PS, jack, brake, good rubber, $26,000. Lebanon Co Lester Hess 717-273-6018

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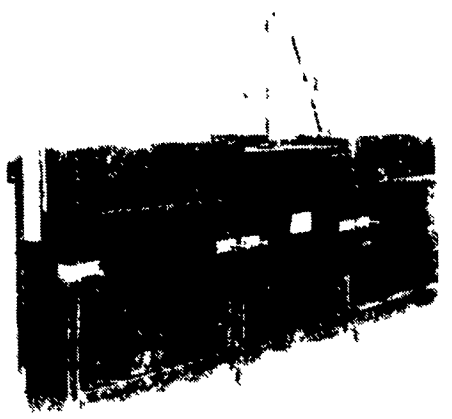

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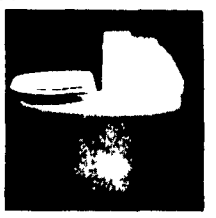

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1972 Dodge Class A Lifetime motor home, 26', handyman special, $10,000. Call 814-766-3522.

35 TRUCKS AND TRAILERS

For Sale - 1979 GMC 35 rollback. Two cars, 4 speed, V8, winter tires. 1974 International Loadstar grain dump. Priced to sell. 814-623-9696.

For Sale - 1973 City 40' aluminum flat bed trailer, good condition. $4100. 717-943-2891.

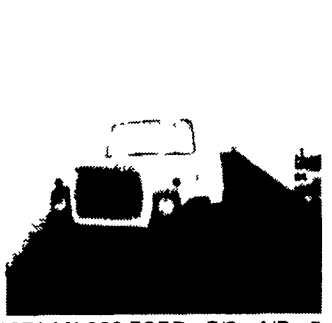
General engine, 12 ton tag along trailer. $2,500. Bucks Co. 215-297-8354.

Int. 2000D 230 Cummings 10 spd. trans., long wheel base, will take 22' or 24' bed. 814-695-6177.

Plans, 13 foot woodcrafted mini eighteen wheeler flatbed, $12 features 10" wheels with ball bearings. Gene Mitchell Cedarshop, Box 146, Rustburg, VA 24588

WANTED-Engine for GMC 1970 truck, 351-V6. 717-352-2877.

1966 GMC Grain truck 14' steel dump bed with 409 Chevy motor, $2,500. 301-734-6088.



1971 LN 800 FORD - P/S - A/B - 5 & 2 speed - GVW 33,000 with 16 ft. DUMP VAN FEED BODY.

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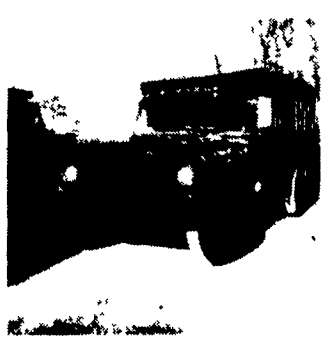
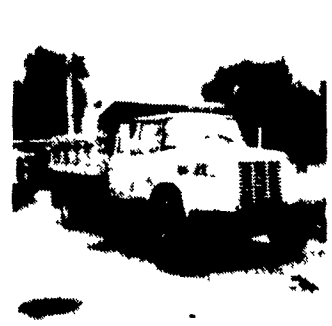


1968 FORD twin Screw with 16 ft. dump - just reconditioned - will sell with or without body



1976 INT 1700 - 5 & 2 speed - Air brakes - Power Steering - with 9 ft dump

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35 TRUCKS AND TRAILERS

1984 Ford F-150, 4x4, standard trans. 6 cyl., radial tires, AM-FM radio, walnut brown, only 7,500 mi., like new. Call after 5:00 p.m. Clyde Flack, R.D.3, Mansfield, Pa. 16933. 717-549-5882

1984 Gooseneck cattle trailer, 24x7, like new. $4,900. 717-664-2722.

22' Flat bed Gooseneck trailer, double axel H.D. construction. $2,500. 717-653-8054. 717-285-3208.

24' Aluminum dump trailer, $6,000. 717-532-6257.

65 IH 20' grain dump, 56,000 GVW, 4200 hrs. 717-733-8246.

'67 International Dump, winch, 18' bed, gross wt. 21,000. $1995. 717-432-5731, York.

77 LN 8000 Ford truck, 3208 Cat engine, 5 SP w/2 SP rear on 1000x20 rubber, 33,000 GVW excellent condition. $10,500. 1979 LN 8000 Ford truck, 3208 Cat engine, 5 SP, 2 SP rear on 11x22-5 tubeless rubber, 33,000 GVW $15,000. 1974 450 C JD dozer w/backhoe, new tracks, drive sprockets, rolls, engine overhauled, starter and fuel pump, good shape. $23,000. 1969 Chevy C-60 tandem 13' dump with 427 engine, 5x4 trans., engine just overhauled, excellent condition. $5,500. 304-735-5273.

'79 Ford Ranger F-250 Super Cab pickup, 400 auto., PS, PB, air, cruise, AM-FM stereo, dual tanks, sliding rear window, 54,000 miles. $5,950. 717-733-2873.

'80 Dodge ¾ ton Club Cab pickup, 318 4 speed, PS, PB, AM-FM dual tanks, 7500 GVW. $4,975. 717-733-2873.

NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind. Wrecked dumps, vans, flats, tank trailers, etc. Call 215-944-9871 (evenings).

70 International C01810A, 392, major overhaul March, 18' aluminum bed. All or will separate. 717-786-1882.

'77 Jeep pickup, J-20, 4x4, 360, 4 BE headers, 5th wheel ball. Needs body work, $2,500 or make offer. 717-786-1882.

'80 Ford F-150 Super Cab short bed pickup, 302 auto., PB, PS, AM-FM cassette w topper, excellent condition. $5,750. 717-733-2873.

'81 Chevy ¾ ton, 4 WD pickup, 350 auto., PB, PS, AM-FM, radial tires, 39,000 miles. $7,950. 717-733-2873.

'82 Chevy heavy duty ¾ ton, 6.2 diesel truck, auto., PB, PS, 8600 GVW w Stahl utility body w closed-in top, 22,000 miles. $8,950. 717-733-2873.

NEW TRUCKS

1984 F7000 w/21 ft. Eby Aluminum Cattle body. 210 Cat Diesel, 5+2 Trans, 9,000 lb. front axle, 19,000 rear axle, reinforced frame, 1000 tires, Cast spoke wheels and much more.

(2) 1985 F600 Cab & Chassis. 7,000 lb. front axle, 17,500 rear axle. 370 engine, 5 speed trans, reinforced frame, 900x20 tires, cast spoke rims and much more.

1985 F350 w/12 ft. Eby Aluminum cattle body. 351 V8, 4 speed trans, 11,000 GVW, heavy duty springs, heavy duty shocks, gauges, tinted glass, 750 x 16.5 tires.

1985 LN 8000 Cab & Chassis, 222" wheel base, 12,000 lb. front axle, 22,000 lb. rear axle, 210 Cat engine, 5+2 Trans, 1000 tires and much more.

USED TRUCKS

1982 GMC C-3500 V8, diesel, auto, PS, PB, AM/FM, 12 Ft. Alum. cattle body, 10,000 GVW

1980 Chev. C30 V8, Auto, PS, PB, radio, 12 ft. Alum. cattle body, 10,000 GVW

1976 Chev. C-50 Cab & Chassis, V8, 4 Speed, radio, 16000 GVW

1973 Diamond T dump truck, diesel, 5 speed transmission, 2 speed rear

1961 Jeep FG150 4x4 6 ft. x 8 ft. flat bed, 4 cyl., 3 speed.

New Holland Ford

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'83 Chevy Silverado, heavy duty ¾ ton, 4 WD pickup, 350 auto., PB, PS, air, dual tanks, sliding rear window, 8600 GVW, radial tires. $11,500. 717-733-2873

'83 Ford F-150 ½ ton pickup, 300 6 cylinder, 3 speed overdrive, PS, PB, AM-FM, sliding rear window, 11,000 miles. $6,750. 717-733-2873.

'83 Ford F-250 ¾ ton, 4 WD pickup, 300 6 cylinder, 4 speed, PS, PB, lockout hubs, 2 tone paint, 23,000 miles. $9,250. 717-733-2873.

'83 Ford F250 ¾ton pickup, 300 6 cylinder, heavy duty, 4 speed, PS, PB, dual tanks, 8600 GVW, regular gas. $7,400. 717-733-2873.

'83 Ford Ranger 4 WD pickup, 4 cylinder, 4 speed, PS, PB, AM-FM, 16,000 miles. $7,500. 717-733-2873.

'84 Dodge ½ ton, 4 WD pickup, 6 cylinder, 4 speed, PS, PB, radial tires, 8,000 miles. $8,750. 717-733-2873.

rio-more grain system with a new 10 hp electric motor. 215-255-5145.

For Sale - Chevy dump truck 14' Midwest body with cattle rack, 26,000 gross. 215-944-0535.

For Sale - New, Used Dump Grain Flats, Rollback Truck Bodies. Good selection of used trucks, combine and Lowboy trailers. 814-623-9696.

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1979 F150 306 Cyl., Auto, Low Mileage, A Title

1978 F150 2WD, 2 Tone Paint, 306 Cyl., Auto, A Title

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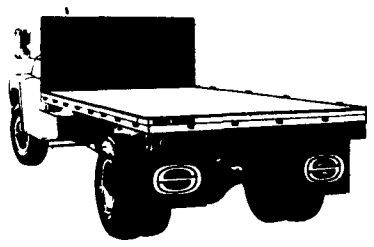

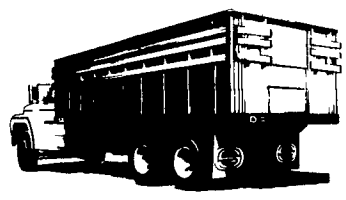

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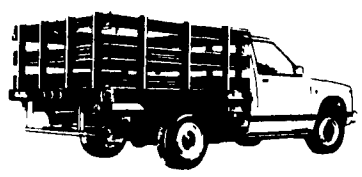

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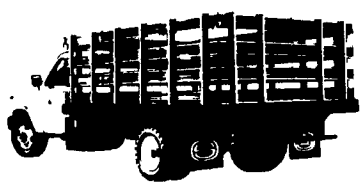

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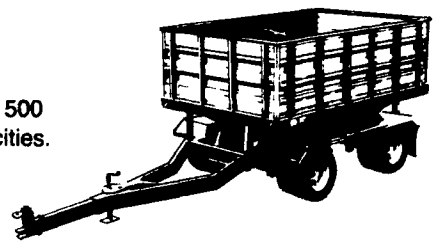

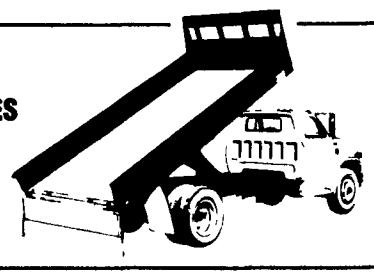

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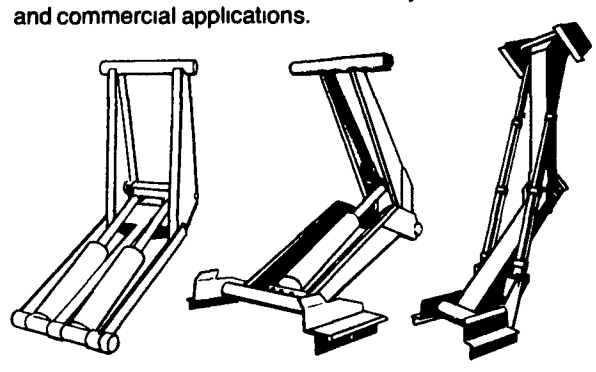

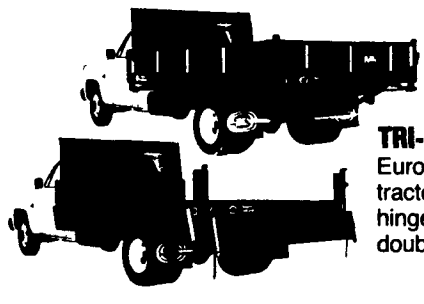

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35 TRUCKS AND TRAILERS

STORAGE TRAILERS FOR RENT - 40 ft. nice, available immediately, delivered. Office trailers also available. 301-771-4529.

For Sale - New, Used Dump Grain Flats, Rollback Truck Bodies. Good selection of used trucks, combine and Lowboy trailers. 814-623-9696.

For Sale - 28' Hill Dump Trailer w/Ripco Feed Blower; 40' Fruehauf Livestock Trailer 717-573-2837.

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1983 CHEVY S10 BLAZER, Blue & White, Loaded **$11,995**

1982 CHEVY C10 (2 To Choose From), V8, Choice of Auto. or Standard Trans., Long Beds and Short Beds Avail. . . . . **From $9,595**

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1977 FORD F150, Auto; Short Bed, Locking Hubs, White Spoke Wheels, Large All-Terrain Tires . **$6,995**

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36 REAL ESTATE

100 Cow free stall, 170 acres tillable alfalfa land, 40 acres woods, 2 silos: 20x70, 18x40. Buildings in excellent condition. Dairy 80% registered. 18,000 lb. average. Phone 607-753-1940. Ivan Parker. Al Reagan Real Estate

YORK COUNTY
61,000 Capacity
Cage Layer
Operation
w52x400 aluminum poultry house, Big Dutch machinery, Hart Cup water system, Staalkat air packer. All modern equipment, 5 years old.
Farm has large modern rancher on premises on 22 acres. Contract is available wbonus. Average performance and projected cash income available to qualified buyer, $375,000. F4637.
KEY REAL ESTATE
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100 Acre Farm-Western Berks Co. Mostly all tillable; 37,000 layer house, remodeled in 1981, New hog house, 744 head; Feedlot for 110 steers; Silos; Modern farmhouse Call HORNING FARM AGENCY, INC. 215-286-5183.

Rent/ Sell Boonville, New York Dairy Farm. 200 acres w/alfalfa. Stately 6 bedroom, 2 bath, 2 kitchens, liv., din., office, greenhouse. Excell. 2 story stantion barn, bulk tank. Garages, storage buildings. $198,000. Call owners, 315-942-2135 evenings.

Perry County. 2 Hunting cabins bordering State Forest lands. OR 17 permanent camp sites with water and electric. Call for information. Jack Gaughen, Realtor, Gene Melby, 717-697-4673 or 732-1212.

Priced to sell - 185 acres, large 5 bedroom home, plenty of woods. Close to Corning Glass. Owner will sell land separately. $75,000. For details call 607-527-4478.

Productive and improved 430 acre farm for less than $200 per acre Write Harry Troyer, Rt. 2, Box 68, Norfolk, NY 13667.

114 acre limestone dairy farm one mile west of Newville, 47 stanchions. No house. Three bedroom mobile home. $175,000. 717-258-6360 after 6 PM.

142 ACRE FARM. Barn is 40x60. 3 Bedroom farmhouse, semi-remodeled wnew 15x30 addition started. Approximately 90 acres tillable, 50 acres wood. Reduced to sell, asking $130,000. 717-543-5705.

34 Acre Lebanon County Farm. Ideal investment or executive horse farm. $325,000 Call Century 21, Hoffer and Assoc., Inc. 717-738-4261 or 717-626-4821.

375 acre farm with 70 stall barn-2 barn cleaners, pipeline, 1500 gal. tank, 4 silos with unloaders, tool shed, shed with shop, nine room house, 2 car garage on black top road. Bradford Co. 717-364-5529.

54 Acre Dairy Farm. Zoned residential and prime for development. Some owner financing. Call Century 21, Hoffer and Assoc., Inc. for details. 717-738-4261 or 717-626-4821.

$60,000, $10,000 down. Owner Financing. 307 acres, 92 tillable (alfalfa land). 43 ties, hiproof barn, milkrm. Remodeled house, 4 bedrms. Trailer. N. NY Other buys! UNITED FARM, Glenn Yeterson, RD 2, Box 54, Canton, NY 13617. 315-386-3184.

650+ acres. Abandoned farm. Large tillable fields, No Buildings. Woods. $400 per acre. Can be split into 100 acre parcels. Call Century 21 Countryside Realty 315-691-2100 Ask for Ada Symonds, Earlville, NY. Madison Co.

67 Acre farm, approximately 60 acres tillable, four bedroom house, barn, sheds, silo, pond, will help finance. For more information call Robesonia, 215-693-5624. Berks Co , Pa.

WESTERN NEW YORK-West Rochester, 2 good crop farms. 120 acres tillable each. Contact Willard Pengelly, Managing Broker, Harris Wilcox Inc., Broker. 716-494-1880

YORK COUNTY:160 ACRES MOSTLY PLANTED TO APPLE TREES IN FULL PRODUCTION. VARIOUS OTHER FRUIT TREES WELL MAINTAINED PROPERTY IN TWO SEPARATE TRACTS. MUCH ROAD FRONTAGE WITH SUBDIVISION POSSIBILITIES. THREE BEDROOM FARMHOUSE, TWO LARGE BARNS, ONE EQUIPPED WITH GRADING AND PACKING LINE. 37'x74' COLD STORAGE $300,000. MAY BE PURCHASED IN SMALLER PARCELS. CALL TODAY FOR MORE INFORMATION. 717-225-3643 ANCHOR REALTY, R.D.4, Box 4310, Spring Grove, Pa. 17362

HUNTERS: Lodge near Breezewood, PA. 9 BR, kitchen, etc. All utilities. Affordable, Owner Finance.
ALSO, 1 tract 2 1/2 acres in state forest. Call or write Barony, Box 146, Breezewood, PA 15533. (814) 735-4660.

LAND OF PLENTY...Rich orchards, baking and specialty shop. Limitless potential. Imagine 72 acres of sprawling trees, 22 varieties of apples, 7 varieties of peaches and pears. As presented by KYW-TV, this business and real estate are a must see. Complete with equipment and owners good will. $650,000.00. Call Barbara Braun. 215-362-2260, RE/MAX Central, Inc

Lake Wynonah - less than 1 hour away, 2 lakes, boating, fishing, swimming, tennis, recreation area, club house, security no admittance without appointment. 7 days a week. Free colored post card information. Harvey Cresswell Realtor, Box A, Frackville, PA 17931. 717-739-4845 or 717-874-0147.

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

Southern Huntingdon County dairy farm. 175 acres with 150 acres tillable, large barn with 44 stanchions, 2 nice homes, stream and good spring on property. Many other extras, $315,000; Southern Huntingdon County dairy farm. 111 acres, extra good home with 7 rooms and 2 baths. Good barn with 27 stanchions, milk house and wagon shed, $125,000. Colonial Real Estate Agency. 814-447-5511.

Lowville, NY area. Excellent 400 acre operating dairy farm. Modern Stantion barn, silos, beautiful large home. Village water. Reason For Selling--Poor Health. Price reduced from $495,000 to $300,000. Complete. Moonans Real Estate, Boonville. 315-942-4824. Salesperson for appointment only. Joe Campany. 315-376-6868.

Edinburg, VA-100 year old 4 bedroom 2 baths with 2 fire places Victorian home. Has a cobbler shop 35'x50' 2 story barn. VA assumable $68,500. 703-740-8080. R. J. Crawer Real Estate. New Market, VA 22844.

FARM FOR SALE BY OWNER: 46½ Acres, Main Road overlooking Keuka Lake, east side, 2 miles from town, 7 acres woods, 9 room home with attached garage, 4 bedrooms, 1½ baths, modern kitchen, fireplace, black top drive, farm pond, spring fed water supply plus drilled well, 2 story workshop, gambrel roof barn, pole barn, hookups for 3 mobile homes. $85,000, owner will finance. Call for appt. nights and weekends. 315-536-7176 or write: Burt Tones, 109A East Lake Road, Penn Yan, N.Y. 14527.

Log Cabin Home For Sale:Restored original; new roof, new wiring, new plumbing, etc. This 2 story 2 bedroom home is nestled base of Shade Mt. No. of McAlisterville, Pa. Asking $30,000. Call 717-436-9594

NOTICE: Looking for farm ground to rent in Southern Lanc. and York Co. Call 717-786-7318, ask for Tony or 717-284-4281, ask for Fred.

NOTICE: Looking for farm ground to rent in Southern Lanc. and York Co. Call 717-786-7318, ask for Tony or 717-284-4281, ask for Fred.

PENNSYLVANIA
Upper Hanover Township
AUTHENTIC COLONIAL
Historic circa 1750 Pennsylvania farm house on 31.5 acres with bank barn and stream adjoining Butter Valley Golf Port. Original smoke house with walk-in fireplace and much more. $215,000. Call 215-699-4452. The John Forrest Kratz Agency.

Farm For Sale - Beautiful historic residence. Antique stone house, barn and other outbuildings, located at Academia, Pa. Juniata County. Excellently structured, 135 acres, approximately 60 tillable. Woodland not timbered off in 50 years. $200,000. For information call corrected number 717-436-2573.

FOR SALE BY OWNER-Westfield, PA., Tioga Co. Wooded land, prime hunting acreage. Easy access. If interested call 717-292-5180 after 5:30 PM or weekends.

FOR SALE-8 acre farmette, woods, meadow, stream, barn, silo, 36x40 shop. 8 room 1 ½ story house. Beautiful mountainous view in Mifflin Co. Located 2½ miles south of US Rt. 22, Midway between McVeytown & Mt. Union, PA. (Small business available with property) 717-899-6395.

For Sale By Owner: 190 acre poultry farm. Tioga County, Pa. 90,000 layer, 30,000 pullet capacity. Three bedroom home. Excellent buildings. 717-827-2561.

For Sale: Dairy Farm, 284 acres, 160 tillable, large barn, 64 tie stalls, machine sheds, 2 farm houses. Write Jacob Esh, R.D.1, Trout Run, Pa. 17771. Lycoming Co.

For Sale or lease: Large modern barn, 45x120', and silo, 14x60', near Lowville, N.Y. Equipped for cattle or hay storage. Call 814-735-4660 or write Barony, Box 146, Breezewood, Pa. 15533.

For Sale: 69 Acre farm near Gettysburg, Adams Co. Private location, approx. 50 acres tillable, approx. 19 acres wooded, stocked farm pond, remodeled 2 bedroom farm house. Pole shed, $112,500. 717-334-3293.

Clinton County, Central Pa. 72 Acre operating dairy farm, 4 stall milking parlor, 2 silos, Qunoset Bank barn, pig pen, 2 implement sheds, 2 corn cribs, grainery, 7 room house. By owner, 717-726-3507 evenings or weekends

EAST FALLOWFIELD TWP. 20 Acre valley consisting of 12 acres of open space and 8 acres of woods with southern exposure overlooking lovely farm ground - $64,500. Call Country Properties. 215-347-2065.

Hunting, recreational or investment. We have several lots for sale from 75 acres to 450 acres including a 160 acre farm in Towanda area of Bradford Co. Cumming's Lumber Co., Inc., Troy, PA. 717-297-3246.

100 acre East Donegal farm. 88 tillable, 10 acres pasture, good limestone soil. 2 silos, 2 corn cribs, bank barn with over 40 stanchions, tobacco barn, stone farm house and tenant house plus more. Priced at $425,000. Call 717-393-0646, Realtor.

Schuylkill County
44 acre general farm, 85x35 bank barn, silo, 2 story chicken house with 2,500 capacity Turkey shelter, corn crib and 6 acre orchard 22 acres tillable and 2 green houses, $85,500 00
By Owner
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No Sunday Calls

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Exclusive new development 1 acre (plus) Perk approved, recreational lot, paved roads, underground utilities, restrictions Buy now, build later Some clear, some with trees Lewisberry Area Half way between York and Harrisburg York County
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DAIRY BARN FOR RENT
Excellent condition, located in Northern Chester Co w/38 tie stalls, 7 box stalls, setup for pipeline milking Also has barn cleaner & cement floors Excellent facilities for vet who does embryo transplants For information please write
Lancaster Farming
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Lititz, PA 17543

FRANKLIN COUNTY, PA
92 acre limestone farm midway between Chambersburg and Shippensburg, PA. 2 story house, large bank style barn and other out buildings. All in excellent condition. 55 acres tillable. Ask for Roger Mellott.
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717-264-7999

FRANKLIN COUNTY
110 Acre Limestone farm, bank barn, 7 room, 11/2 bath home.
30 Acre Stock farm, 2 homes.
CUMBERLAND COUNTY
151 Acre Limestone Dairy, 41 stanchions, 3 silos, 2 barns, stream, stone home.
KOONS REAL ESTATE, INC.
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Roger Wildeson, 717-263-5702

FARM FOR SALE
LOCATED: RD, Pinegrove
106 Acres, 80 tillable, Approximately $10,000 of timber, 3 acre stocked pond, barn. Home has been remodeled within last 3 years, oil heat, separate 2 car garage.
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Pottsville, PA 17901
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High Quality Farms in Mower Co. and surrounding area. All sizes, Livestock or Grain. Some Contracts. Call or write for details.
NORB HAMILTON REALTY
Elkton, MN
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100 ACRE FARM FOR SALE BY OWNER
Farm located in historic Southern Chester Co.
Very large 100'x70' L-Shaped barn, in good condition. 18th Century house in need of restoration. Structurally sound. House, barn and 10 acres. $100,000. Additional acreage, $3,000 per acre.
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between 7 & 8 AM
or 7 & 8 PM

NYS Farm for NY State
86 acres with over 70 tillable, mostly all river bottom. Would make a great vegetable farm. Nice 5 bedroom house. Good barn suitable for dairy, horses or beef. $79,000. Can be sold with less acreage for less money. 1 mile from a growing town.
Mel Manasse
Real Estate Broker
Whitney Point, NY
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PENNA FARMS
CUMBERLAND CO.

85 acres general. Bank barn, pole implement building, 2 story frame dwelling, stream, road and creek frontage Owner financing

80 Acres all crop land, Murrill soil, 54x108 Morton Pole building w/concrete floor 30% of interior walls reinforced for grain storage well water No Dwelling over 2,000' of road frontage

62 acre general 36x40 western bank barn 4 bedroom log (Covered w/aluminum siding) dwelling, pond

153 acre dairy. 40 comfort stalls additional lounge area DeLaval pipeline milkers 1500 gal tank Patz stable cleaner, 2-story brick dwelling, road frontage beautiful view

60 acre beef & hog. Limestone soil, road frontage, 3-bedroom log dwelling

FRANKLIN COUNTY

49 acres general. Limestone soil All tillable & level land, bank barn silo & other outbuilding 4 bedroom dwelling 1½ SOLD s, 3000' road frontage Near Shippensburg

150 acre m/l dairy 73 tie stalls 800 gal Girton tank dumping station DeLaval milkers 16x50 stave silo Badger stable cleaner stream through pasture road frontage 9 room brick dwelling needs some repairs Just $160,000

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
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36 REAL ESTATE

Wanted
Small butcher shop
Please call
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or
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221 ACRE FARM
2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake.
For Sale or Lease
Owner financing.
607-243-8669

Cayuga County New York
100 acre farm, 2 story 28'x60' barn, set up for pigs, silo 12'x24', 45 acres presently tillable, remainder pasture & woods 2 ponds, modern 3 bedrm ranch house $59,900
Salesperson H. Law
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Banning Realty
(315) 834-9574

FOR SALE
112 acre operating dairy farm in Salem County, NJ 4 in line parlor, fully equipped, modern milkhouse, fully equipped, 74 cow free stall barn, (2) 60x80 buildings, 3 silos all w/unloaders, beautiful 4 bdr Victorian home, 20x40 in ground pool Asking $260,000
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J & K Dairy
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140 acre Dairy farm, 51 tie stalls, 4 unit DeLaval pipeline milker, Jamesway milk tank, new barn cleaner Heifer barn 2 Concrete silos, 3 BR stone dwelling and 3 BR frame dwelling Some FMHA financing

LEBANON COUNTY
18 acre limestone farmette large frame bank barn, 4 BR dwelling Tulpehocken Creek borders property, just right for the horse lover

C.M. Mosemann Realtor
717-859-1004
anytime

330 ACRE DAIRY FARM FOR SALE BY OWNER
(Mostly Tillable)
Farm #1 - House, 52 stanchion barn with barn cleaner, other buildings. 20x60 silo with unloader, milk tank, lots of road frontage on Rt. 501 N. of Myerstown, Pa in Berks Co.
Farm #2 - 2 apartment house, large loafing barn, other buildings, pond
$800,000
717-792-3216

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EXCLUSIVE PA FARMS FOR SALE
See our detailed ad in the November 10 and December 1 issues.
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70 ACRES PRIME FARM LAND
West Penn Twp. - Schuylkill Co.
Exceptional piece of land, about 58 acres tillable Large almost-level well-drained fields (Leckhill and Hartleton Soils) Also has good bank barn and well Owner financing available to qualified buyer
WE UNDERSTAND FARMS BECAUSE WE ARE FARMERS
GARY COLES - FARM BROKER & APPRAISER

FIRST TIME OFFERED
★ 150 Acre Dairy Farm ★
★ Near Cochranville, Chester County ★
★ 9 Room House ★
★ Very Productive Soils ★
★ Can Be Sold as Two Farms ★
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Rt. 41 and Rt. 1 ByPass
Avondale, PA
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Licensed in Pennsylvania, Delaware and Maryland

INVITATION TO BID
52 acres more or less **Snyder County** dairy farm with 49 stanchions, 2" stainless steel pipeline, bulk tank, barn cleaner, 3 bedroom home. Less than ½ mile to Middleburg. Good road frontage along 2 roads. Seller may consider sub division Written bids may be made until November 29, 1984. Bids will be open November 30, 1984. 10% down and signed agreement required within 7 days after notification of bid acceptance. Submit to P.O. Box 111, Middleburg, PA 17842
Appointment for inspection may be made by calling
717-837-2228
Seller reserves the right to reject any and all bids.

FOR SALE BY OWNER
2 Attached Properties
No 1 Sixteen Acres 50+58 barn with 28 Cow stanchions and 3 box pens for horses w/18+27 milk house and Diesel building att , also 29+30 heifer pen att to barn 12+55 silo 24+48 horse and tobacco barn 24+32 shop, 24+40 blacksmith shop 2½ story 14 room house Approx 36 additional acres joining the property can be bought extra
No 2 2½ story 10 room house w/20+32 barn w/room for 3 horses Both properties have real good wells Can be bought separate or together Will Consider Offers
At Bartville, Lanc., Pa
Jonas K. Stoltzfus
R1, Box 198, Christiana, PA 17509

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New Bloomfield, Pa. 17068
Hunters-Fishermen
Wooded Lots For Sale- Route 75 near East Waterford, Juniata County, Pa. Prime area for deer, turkeys, stocked trout streams, Cabins, Permanent homes, RV's, Camping
10 acres - woods and open land. Small stream. $13,500.00
17 acres - All woods. Secluded private road, electricity, small stream. $20,500 00
37 acres - Joins state land, private road, electricity. $35,500.00
All land ready for immediate possession. Lots for every purpose.
Still time to have your own land for deer season. Sign a purchase agreement and take possession.
Fred E. Morrow, Broker
Phone: Office 717-582-8616
Evening 717-567-6665 or
717-582-2815

UPSTATE NEW YORK
Successful Cattle Sales Operation includes large tie stall barn, sales ring, offices, 15 acres of land. Holding sales nearly every week. Excellent investment. $225,000.
Mohawk Valley 400 acre dairy farm, 250 tillable, 90 stall barn, good 5 bedroom home, super corn and alfalfa soils. $250,000 w/good financing.
136 acre farm, bare or stocked and equipped, 60 tie stalls, large comfortable home, soils in high state of fertility, 17,000 lb. herd average. $175,000. Bare or $275,000 w/50 head of milk cows, 3 tractors, planting and harvesting equipment.
Robert Whipple, Broker
Altamont, New York 12009
518-861-8114
or
518-872-1657

Chester County
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Just listed - 83 acre horse farm featuring main dwelling w/apart., tenant house, three barns (30 box stalls, inside exercise area and storage), 30 tillable acres, 50 acres of post & rail fenced pasture, stream, pond and spring. A horseman's delight at $590,000.
Chester County
GENTLEMAN'S FARM
12.2 acre Estate with a remodeled 2½ story brick farmhouse. 4 bedrooms, 1 full- and two ½-baths, living room w/stone fireplace, family room with brick fireplace, custom kitchen full of appliances and attached 3-car garage. Barn foundation, springhouse, orchard and woodland. Super secluded and available immediately. Asking $165,000.
Stanley R BARR REALTORS
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WANT TO RENT FARM LAND IMMEDIATE CASH
Wanted - farm crop land, 50 -100 acres of prime tillable acreage, level and reasonably free of stones. Irrigation source helpful. Will pay premium cash rent per acre - 3 year minimum lease required. Call between 8-5 pm 717-898-7002 and ask for Bob or Ben.

FARM FOR SALE
45+ Acres. Dairy barn, milk house and silo. Large farm house with 3 bedrooms, 1½ baths, full attic, spacious kitchen/dining area and living room.
Located in West Caln Township, Chester County. Take Rt. 340, near Wagontown at Kings Highway School take North Bonsall School Road to Martin's Corner Road, turn right and continue for 1 mile. (Farm on left)
For additional information contact:
NEW HOLLAND FARMERS NATIONAL BANK
717/354-4431
Mr Michonski

WIMPLE REAL ESTATE STATEWIDE FARMS
MOHAWK VALLEY
BIG PRICE REDUCTION!!! Price reduced $63,000 on this nice working 65 cow operation just outside growing city Barn has 2 silos big silo room Patz SS cleaner, 750 gal tank, Huge new addition 206 acres, 135 tillable, large fields 5000 feet tile drainage Good two family Greek revival home ONLY $103,000 CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355
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ABSOLUTELY BEAUTIFUL LAND: 234 level acres of Honeoye soil with some 15 year alfalfa stands 175 acres tillable, 140 acres in one field Quanset barn has 85 stalls, 2 silos, unloader, cleaner, Mow elevator, 625 gal tank Nice home, just needs paint INCLUDES 62 milkers, 40 YS, 3 tractors and all machinery $250,000 or $165,000 bare CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355
CENTRAL NEW YORK
SPORTSMAN'S BUY OF THE SEASON: 103 acres of woods near Herkimer Walk the path through the pines to the 3 acre trout stocked lake with dock and float Nice 4 bedroom log home, new central heat in basement, stone fireplace in living room w/balcony, enclosed porch 2 car block garage JUST LISTED! $49 500 HURRY! For quick appts call 315 348-6148 or WIMPLE'S SLOANSVILLE OFFICE 518-875-6355
FREE DAIRY OR FALL CATALOGUES.

GRADE A DAIRY FARMS IN NW WISCONSIN PRIME FARMING COUNTRY
220 acres, 160 tillable. Barn with 70 tie stalls, pipeline and cleaner. Bulk tank, machine shed, 3 silos. Personal property inc. 4 bedroom house. $239,950.
180 acres, 110 tillable. Barn has cleaner and pipeline, 3 silos, farm buildings. 2 houses. Trout stream runs through property. $170,000.
160 acres, 100 tillable. 38 tie stall barn with pipeline and cleaner, bulk tank, 3 silos with unloaders. 3 bedroom house. $169,950.
Many other farms and hobby farms.
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WICKRE AGENCY
Box 787, Cumberland, WI 54829
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Franklin Co.
268 acres modern dairy w/double 6 parlor, 210 free stalls, limestone land.

190 acres, 150 tillable of limestone land, large barn, modernized home.

100 acres open land w/70 acres tillable, near Gettysburg.

20 acres woodland near Hanover, excellent development potential.
Other Farms

Van Cleve Real Estate
Phone: 717-392-3032
anytime

House and barn on 98 acres (82 acres cropland, 15 acres pasture and woods) Excellent for small beef herd or sheep Secluded property reached by private lane Borders Trough Creek Good turkey and deer hun ting 15 minutes to Raystown Lake $79 500

House barn and out buildings on 95 acres 30 acres crop land 65 acres woodland Adjoins state game land Small brook runs past barn and house Southern Huntingdon Co $65,000

Century 21
Don Rapp, Realtor
814-643-1004

FOR SALE BY OWNER 167 ACRE FARM

Greenwich, OH 37 Mennonite families living in area New church & school within 5 miles of farm Two Mennonite families adjacent to farm 167 acres, 122 tillable, nice modern farm home & buildings Would do for hog, dairy or beef Could be divided into 120 acre farm w/85 acres tillable Buy 167 acres for $1,100 per acre or 120 acres w/buildings for $1,300 per acre Owner Financing Available.
Contact owner at:
216-933-2492
Or Write:
Tom Butts
553 Center Rd.
Avon Lake, OH 44012

SOUTHERN NORTHUMBERLAND CO. & SURROUNDING COUNTIES

Lykens Valley, 100 acres, dairy barn, new tobacco barn, 90 tillable, nice level land, 3 to 4 bedroom home, excellent owner financing, 9% Interest Low Down. $200,000. Call Peter.

110 acre farm prime land, large home, 90 tillable, large bank barn, owner wants to sell, make offer. $179,000. Call Peter.

Lykens Valley 90 acres, 85 nice level tillable, 3 bedroom home, barn, $225,000. Owner financing. Call Ralph.

Danville-140 acres, 85 tillable, house, large barn for beef. $159,000. Call Peter.

Executive Farm 118 acres, 100 acres tillable $289,000. Call Peter.

63 acres, 50 tillable, 42,000 bushel grain bins, elevator & dryer, $165,000. Call Peter.

60 acre farm, $79,000. Call Peter

400 acre, 600 acre, 400 acre farms. Call Peter.

98 acre campground, Call Ralph.

68 acre campground, Call Peter.

PETER B. CORTELYOU
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman 717-692-2587

LANCASTER COUNTY OPPORTUNITIES

FOR THE DEVELOPER
50 acres of gently rolling land w/nearly 2,000 ft frontage on 2 roads, frame house & bank barn, meadow & stream. Possible Owner Financing. $200,000.00 Call 717/464-4700.

FOR THE CROP FARMER
132 acres farm land with 105 tillable 12 pasture, 12 woodland. Prime Chester Silt Loam soils $395,000 00 Call 717/786-2131

FOR THE CHICKEN FARMER
20 acre poultry farm ready-to-go with 50,000 bird pullet house, workshop & 40 kw generator. $230,000.00. Call 717/464-4700.

FOR THE DAIRY FARMER
105 acre Amish dairy farm ready-to-go w/40 tie stalls, 2 silos, horse stable, bank barn, loose housing barn and shop area. 2½ story double house. $475,000.00. Call 717-464-4700.

150 acre dairy operation with milking parlor and 263 free stalls, 5 silos and three-family pointed stone farmhouse. $495,000.00. Call 717/786-2131.

Century 21®

EMORY D. WAGNER CO., REALTORS

LYCOMING CO.

Dairy Farms 106 acre. 90 tillable, 52 stanchions, silo and unloader, barn cleaner, loafing barn and machine sheds Beautiful 4 bedroom house, $220,000 Lock, stock and barrel can be bought Also large dairy farm, 160 acres tillable

10 Acre Farmette Juniata Co

Auctioneer Service
MELVIN S. BINKLEY
Insurance & Real Estate
Rt. 272, Reamstown, PA 17517
717-738-1458

REDUCED REDUCED 144 ACRE DAIRY OR HORSE FARM - CHESTER COUNTY REDUCED REDUCED

100x90 Barn, 650 gal. Esco tank, 43x40 Masonry bldg. Large 4 BR Brick Colonial House with fireplace surrounded by mature shade. Well, spring, stream and pond and a stone spring house, 2700+ rd. frontage. Divide and make 2 farms with the 4 BR tenant house. Farm machinery incl. Call for details and an APPOINTMENT TODAY!

Rt 30 Gap, PA **HOSTETTER Realty** 717-442-4114 687-8286

AVAILABLE FARMS LANCASTER CO. LISTINGS

LIMESTONE 70 ACRE WEST LAMPETER TWP.
Operating dairy farm, 60 free stalls, 30 comfort stalls, pipeline DeLaval system, 18'x60', 20'x60' silos with unloaders, Patz feeder, very good buildings, Colonial brick home, 4 bedrooms. Modern kitchen, road frontage, Call for details.

58 Ac. Dairy Farm Good set of buildings. East of Lancaster off Rt 23. Offered bldgs + 4 acres.

60 Ac., 30 tillable, woods, meadow & horse barn. Two-story, four-bedroom home. Priced right.

48 Ac., frontage, creek for irrigation, rolling land. Along Rt 23 West.

Ask about small Farmettes in Lancaster County.

YORK CO. OPPORTUNITIES

Good Cropper, 130 tillable acres limestone soil.

75 Ac., brick home, lovely setting w/pond. Short drive to Baltimore.

Large Stone Home, 135 ac., grain farm, frontage & close by Norman Wood Bridge.

ATTRACTIVE ASSUMABLE MORTGAGE
Operating dairy farm, 296 acres, 105 tillable acres of Limestone & silty loam soil, 50 modern tie stalls, 800 gal. tank, pipe line, modern dairy set up, 18'x70' silo w/unloader, modern 3 bedroom house with new kitchen, plus tenant house. Approx. $220,000 of assumable mtgs. Price $275,000.

OWNER FINANCING 10% INTEREST
Juniata Co. operating dairy farm. 135 ac., good corn & alfalfa ground, including some good timerland & meadow. Hip-roof, barn, show-ease comfort stalls, silo, milk tank, stone 4 bedroom home with oil hw heat. Special Owner Financing. Frontage on Rt. 35. Extra land available for rent. Priced to sell for about $1250 per ac. Call for details.

70 Secluded Ac., extra available. Nearly all tillable. Free house. Low taxes, low, low price. Off I-80.

Building Lots and acreage, 1 to 17 acres. Close to Rts. 11-15. Juniata Co. View of Susquehanna River. Priced $5900 to $19,900.

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REALTORS
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Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344

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SUBURBAN REALTY
FARM DIVISION
(717) 867-5221

Write or call for free brochure of over 25 farms & farmettes for sale in the Lebanon County Pennsylvania area.

30 WEST MAIN ST.
ANNVILLE, PA 17003

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

270 acre limestone & gravel beef. Modern 2 story frame house, bank barn, implement shed, several silos, creek frontage. Call Mr. Niesley.

19 acres mountain land, $17,000.

7 acre farmette 2 family brick & frame house & brick bank barn. Call. Mr. Niesley.

FRANKLIN COUNTY

30 acre dairy 72 free stalls, double 6 parlor modern 2-story house and tenant house (Invest your time with the cows; let others grow the feed). Call Mr. Niesley.

SNYDER COUNTY

124 acre dairy 60 UNDER CONTRACT 20x50 silo frame house. Cal sley.

JUNIATA COUNTY

95 acres woodland, 1½ miles road frontage w/spring & stream. Ideal for hunting camp or recreation, $63,000 Call Mr. Benner.

50 acres woodland, $30,000. Call Mr. Benner.

5 acres land, 950 feet road frontage, $19,000. Call Mr. Benner.

5 acre farmette, ideal hunting camp $37,000. Call Mr. Benner.

MIFFLIN COUNTY

104 acre limestone dairy, 70 head (tie and free), 3 silos, lg. imp. shed, new heifer barn, mod. 2 story frame house. Additional option-125 Holsteins w/17,500 herd avg. and adequate line of mod. farm equipment. Call Mr. Crawford.

(PRICED REDUCED)
118 acre dairy, 50 freestalls, liquid manure, 3 silos, modern 2 story log & frame house w/swimming pool. Call Mr. Crawford.

PERRY COUNTY

8 wooded lots, 1 acre to 1.7 acres. All with septic permits. Deer country $4600 to $9400. Call Mr. Orris.

YORK COUNTY

70 acre general, plush 2 story brick house, bank barn, implement shed, farm pond, 100 yard setback. Call Mr. Niesley.

JOHN B. NIESLEY REAL ESTATE

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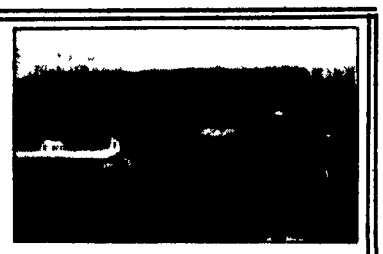
Carlisle, Pennsylvania 17013
717-249-6787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL J. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177
CHARLES D. SMITH - 717-789-3125

LITTLE RIVER
383 Acres River bottom farm between Lexington and Staunton with approximately 220 acres in open and improved pasture and cropland Two feeding barns with attached sheds granary and shed two silos scales kennel and other miscellaneous equipment and farm buildings A fine 8 yr old brick residence overlooks farm and surrounding game filled moun tains
$375 000



SPRING BRANCH
197 Acres A well maintained Valley farm near Lexington with an unusually fine balance of pasture hayfields and cropland in 101 acres the remaining acreage in hardwood forest Spring Branch flows through the center of the farm The eight room farm house is surrounded by maples Large barn granary and several out buildings
$167 000

CONTACT FOR FURTHER INFORMATION AND FREE CATALOG

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James W. Moore
Accredited Farm and Land Broker
Evening:
703/463-7050

21 North Main Street, Lexington, Virginia 24450 ☎ Telephone 703/463-7168

36 REAL ESTATE

TRACT of Farm Land near Mercersburg, PA. Has 223 acres, 151 tillable. 10% Financing Available $200,000. DUANE DILLARD REALTOR. 717-328-5532.

FOR SALE
75 Acre 65 tillable
1- 30'x30' Shed
Leb. Co.
Jonestown
$1600 Acre
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SALE
48 Acre Farm
4 Miles N.W. of Newville, Cumberland Co.
Bank Barn Aluminum Siding, 80 Foot Loafing Area. Silo With Unloader, Bulk Milk Tank. 25 Tie Stalls.
House Two Story Three Bedroom 1½ Baths With Modern Kitchen, Electric Range, Dishwasher Wall to Wall Carpeting. Electric Heat, Air Conditioning. Completely Remodeled Inside & Out. Must See House To Appreciate. Immediate Possession.
ELDON FUNK
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NEW YORK'S "BEST PRICED FAMILY FARMS" YOU'VE ASKED FOR THEM WE'VE GOT EM!

COMPLETE DAIRY FOR "BARE" PRICE
Retiring owner offers 40 cow operating dairy on over 200 acres with 50 Holsteins, full lineup of equipment, over 7,500 bales of hay & full silo. Ex. barn & nice 5 BR home with private setting & frontage on beautiful stream. Super neat S&E dairy with none to compare for $145,000.

MILK CHECK'S WAITING??
183 acres, 155 tillable, nice level land. Super Colonial home with 4 BR, 2 baths, 50 cow barn, 2 silos. Over 60 head of Holsteins, top lineup of equipment. Great milk market. A better 50 cow S&E dairy you won't find at $180,000 with terms.

"OWNER FINANCED DAIRY"
Nice smaller farm and what a terrific owner to deal with! Good 4 BR Colonial home. Barn houses 40 head. 116 acres, 100 tillable level easily worked fields. Asks $85,000, wants to talk terms and money down.

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Over 250 farms available.

NOW HERE THIS!!!

BEDFORD COUNTY - 286 acres of limestone soil, new dairy barn w/130 stalls, double Boumatic parlor, 2 large blue silos

BERKS COUNTY - 233 acres of good farm land, 2 sets of farm buildings, 110 free stalls & bulk tank

CUMBERLAND COUNTY - Many farms 24 acres to 120 acres, dairy & general

LANCASTER COUNTY - Beef - Hog - Veal operation, 105 acres.

Modern controlled hog facility, 2600 head, 110 acres.

Dairy Farm - Bainbridge, 93 acres.

LEBANON COUNTY - 160 acres of beautiful corn, all in one field Owner Financing Dont't miss this opportunity

Call today on these and many other farms!!!

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717-898-8962

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RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA
CALL 653-1481
FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

SUSQUEHANNA COUNTY FARMS

DAIRY FARM
332 acres, 168 tillable, 100 pasture, 64 woods. 2 story barn with 82 stalls, 3-14x40 silos, 800 gal. tank, cleaner & pipeline. 1 story barn with 56 stalls, 2-14x40 silos, 800 gal. tank & pipeline. 2 houses, one 2 BR & one 6 BR. Hay barn & 3 car garage. Possible assumption of FmHa & Land Bank mortgages. $280,000

BEEF FARM
100 acres, 85 tillable. 2 story barn w/inside & outside holding pens. Pen area completely concrete. Main unit will hold 100+ cattle. 40x60 metal feeder shed for young stock. 2-20x60 and 1-20x30 Harvestore structures. Automatic push buttom operation for 1 man feeding. Metal 40x96 machine shed. One man harvesting operation. 5 BR house w/garage. Possible financing with FmHa & Federal Land Bank. $250,000.

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Acres Real Estate
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(717) 278-2136

STAR REAL ESTATE
Irv Boyer - Realtor
Lock Haven, Pa.
717-748-9519

CLINTON CO.:
80 acres Dairy Barn 36x175 w/Loft Four Silos Two Story horse stable w/nine stalls Other equipment sheds and maintenance shop Two Story four bedroom home Four car garage Fronts on Rt #150 Public water and swere available

CLINTON CO.: 122 acres, 130x50 ft metal barn and equipment sheds Four bedroom home Equipped for one man operation Owner retiring will sell all euqipment & beef stock Will finance with low rates Approx 20 miles from Penn State off Route #64

NORTHUMBERLAND CO Operating Dairy 183 acres all Holstein stock and equipment - 10 room farm home & tenant home Financing available

Evenings:
717-726-6396
717-769-7313

DAIRY FARM 2 sty home, 4 bdrms, 1 bath, 24 dairy cow stalls, new milkhouse 12x24, barn 36x52, 87 acres, bottom land borders State Forest and is tillable, good growing ground for crops $60,700 W-843

HOUSE, BARN, GARAGE, STORAGE SHED ON 77+ ACRES, 40 ac tillable, 20 ac woods, bal pasture Beautifully remodeled farmhouse, kitchen w/eat-in area, laundry rm , DR, LR, Fmly rm or office and bath on 1st floor, full bath & 3 bdrm 2nd floor, 40x60 bank barn in exc condition, ideal location for horses, sheep, etc NG steam heat, full dry bsmt , rural yet not isolated, on hardtop road W-827 $109,500

128 ACRE OPERATING DAIRY FARM. Farmington area 90+ tillable, 20 ac pasture, 10 ac woods bal stocked pond and beaver dams Good barn with 38 tie stalls, vac system, barn cleaner Milkhouse with S S 400 gal tank, 12x65 New Moon trailer with 8x42 trailer attached Most furnishings stay Good starter farm Natural gas from well on property W-903 $64,900

OPERATING DAIRY - SHOWPLACE - 208 acre Dairy Main house is 2 sty brick with 4 bdrm Tenant house has 3 bdrms Approx 75 tillable acres Main barn has 69 stanchion, S S pipeline, 500 gal S S tank, room for hay storage New heifer barn, shop, corn crib, 3 silos Ideal family farm Priced at $250,000 Owner financing available to qualified buyer Additional land available for long term lease W-882

Century 21
THE REAL ESTATERS OF WELLSBORO
120 East Ave., Wellsboro, PA 16901
717-724-5921
Call or write for free list.

FARM

347 ACRE DAIRY FARM - HUNTINGDON COUNTY (232 acres tillable, 30 acres pasture, 85 acres wooded) 188 stanchion dairy barn 6 unit milking station, 2 bulk tanks, 4 silos Long, large, 1 story buildings including loafing, storage, machine w/modern mobile home and modern dwelling Productive limestone soils Asking $900,000 Call Miles Clevenstine 814-383-2755

MOUNTAIN LAND

209 ACRES-SNOW SHOE-CENTRE COUNTY Level to moderately steep, unpolluted Beech Creek flows thru, great hunting and fishing Asking $335 per acre Call Miles Clevenstine 814-383-2755

450-460 ACRES CENTRE COUNTY
Level to moderately steep, unpolluted stream, Asking $450 per acre Call Miles Clevenstine 814-383-2755

400 ACRES CENTRE COUNTY
Rolling terrain near State College Asking $180,000 Call Miles Clevenstine 814-383-2755

HUNTING CAMP on 150 acres located north of Beech Creek in Clinton County, off David Farm Trail, adjoining state game lands Camp is concrete block, including all furnishings and a Delco lighting system, all in good condition $85,000 00 Miles Clevenstine - 814-383-2755

86 ACRES MOUNTAIN LAND located north of Beech Creek in Clinton County off David Farm Trail, level to moderately steep, adjoins above described 150 acres hunting camp land Great hunting country Asking price $27,950 00 or $325 00 per acre Miles Clevenstine, 814-383 2755

REAL ESTATE
CENTRE
2212 North Atherton St
State College, PA 16801
Office - 234-1150

PENNSYLVANIA FARMS
BEDFORD & BLAIR COUNTIES

80 COW DAIRY - milking parlor, 80 freestalls, 168 acres of high producing limestone soil and a 4 bedroom brick Colonial house $375,000 or best offer!

50 COW DAIRY near MARTINSBURG complete with a quality Holstein herd, farm machinery and feed Dairy barn and house in immaculate condition! All for only $355,000

120 ACRE DAIRY - 50 cow capacity, Harvestore and 2 concrete stave silos $250,000 Quality Holstein herd and machinery optional! High producing limestone soil!

175 ACRE LIVESTOCK near MARTINSBURG - 150 ± tillable acres (mostly limestone) Barn and house need some repairs Reduced to $149,000 Must be sold to settle estate!

50 ACRE HOBBY FARM in Sinking Valley! Beautiful Colonial style 4 bedroom home, huge bank barn, summer house and many outbuildings. Excellent horse farm! $149,000

82 ACRE LIVESTOCK and CROP farm - two family house in very good condition and a Pennsylvania bank barn Small pond and stream! $139,000

183 ACRE GENERAL - farm 80 ± tillable acres, balance mostly wooded, huge house, barn and chicken house Southern Bedford County! $135,000 to settle estate.

61 ACRE HORSE RANCH - refurbished farmhouse and fireplace and 2 ceramic baths Old Pennsylvania style bank barn and a 26x66' horse barn Lease-option! $129,000

DEVELOP YOUR OWN FARM! 108 acres of limestone soil, 80 ± tillable acres, no buildings Mobile home permissable! Possible exchange! $119 000

143 ACRE LIVESTOCK farm - 80 ± tillable acres, bank barn with loafing shed addition, new 3 car garage, new 12x50' silo and a real good 4 bedroom house $115,000

90 ACRES of LAND with an old house that would make a great hunting lodge About half the acreage is WOODED balance in fields that could be rented! $70,000

130 WOODED ACRESS with easy access Buy all or half the option on balance! Very reasonably priced at $500 per acre! Here's your chance to make a good buy!

25 WOODED ACRES near LAKE RAYSTOWN! Small stream, ideal hunting camp location!

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REALTY CENTER
Daniel K. Knode, Realtor
R.D. 2, Box 260
Hollidaysburg, PA 16648
(814) 946-0466
"FARM, LAND & RURAL REAL ESTATE"
Licensed in Pennsylvania & Maryland

DAIRY FARMS:

Wyoming County: 233-Acre farm; 133 tillable. Gravel and silt-loam soil. 50 tie-stall barn. 16'x50' concrete-stave silo, 400-gallon bulk tank, 3-bedroom home with natural gas heat and excellent water supply $140,000 00

Wyoming County: 147-Acre farm, 90 acres tillable Gravel and silt-loam soil Stanchion barn 36'x85' with 36'x60' addition. 12'x30' concrete stave silo, water is supplied by well and spring-fed 3-bedroom home with natural gas heat. $125,000.00

Genesee County: 50 comfort-stall barn with room for 80 head, 2 silo's, 1000-gal. bulk tank, pipeline milker, new gutter cleaner, 40'x80' machinery shed with apartment, remodeled 3-bedroom home, new oil and wood furnace, all on 10 acres in the heart of cash-crop area. Clear alfalfa seedings and corn readily available. $140,000.00

Cattaraugus County: 200-acre farm; 40 acres tillable, Balance is hardwoods and 70,000 evergreen trees 30 years old. No buildings. $300 per acre; Owner financing.

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LICENSED REAL ESTATE BROKERS
BERGEN, NY
Bill Ph. 716-494-1890
David 716-548-7738

UNION COUNTY...

★ **132 ACRES OF LIMESTONE LAND!**

OWNER FINANCING

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

Christian M. Mosemann
Realtor
717-859-1004
128a. farm near Martin's corner, Chester Co., approx. 90 till., balance pasture and woods, very large stone house and barn For appointment call 717-529-2678.

CLINTON CO -Nittany Valley 114 acre dairy, 2 houses, new barn, silos, implement shed; Amish area; near Lamar Exit Rt. 80. Coates Realtor 717-291-1542. After hours call Don 215-857-5464.

For Rent - 57 acres of fenced pasture with water. Will work on feeder shares. Box 52, Lancaster, PA. 17601.

FOR SALE BY OWNER
13,000 Cage Layer Chicken House (300x37') w/ completely remodeled 4 bedroom 2 story farm house, barn, stream. On 22 acres. Adjoining Mountain. York Co.
717-432-4896

JUNIATA COUNTY ORCHARDS
222 acres, approx 80 acres orchard, 142 acres woodland. Buildings include: barn 80x36, refrigerated cooler 40x40, 3 sheds approx. 18x30. Possible owner finance.
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Mifflintown, PA 17059
Office - 717-436-8839
Evenings and Weekends
Don Bashore 717-436-9213
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- THIS WEEKS SPECIAL -

SNYDER COUNTY dairy farm Rent with option to buy Available immediately

BRADFORD COUNTY

100 acre Bradford County farm Owner selling due to health

110 acres total, 80 tillable w/new 40 cow stall barn & 14x50 silo Lg home being remodeled for an excellent price of only $155,000 00 bare but can be purchased turn key operation

192 acre operating dairy w/110 tillable fertile acres 60 cow tie stalls on pipeline tank & barn cleaner 3 silo's with unloaders and a lovely 3 bedroom house Under $200,000 Call Dave

Real sharp 106 acre dairy with 50 cow barn on pipeline Barn cleaner, bulk tank, machine shed, 4 silos with unloaders, bunk feeder 3 miles from Wyolusing $165,000 with $130,000 FHA assumable 4 bedroom home with oil heat and oil hot water heat 1½ baths

Operating 345 acre dairy farm with an access of 180 acres tillable plus approx 80 acres or more pasture Balance, woods and timber Beautifully modernized 200 year old home plus a second home 54 tie stalls, milk house, bulk tank, silo with unloader Room for young stock Can be bought with stock and equipment for a turn key operation Call David and Laura Cooley

CENTER COUNTY

New building since '79 87 acres Most all tillable Dairy barn, milk house and other out buildings

HUNTINGTON COUNTY

130+ acre dairy, excellent farm with private financing Call 717 569 4264

85 ac woodland near Orbisonia Subdivision possible

191 ac General farm in the Three Springs area Excellent for subdivision with good amount of road frontage

LANCASTER COUNTY

Modernized Stone Farm House with Large Bank Barn with Attached Tobacco Shed, Corn Barn on 62 Acres of Excellent Farmland This One Is Ideal For an Executive Horse Farm, Hog Farm or whatever you wish

NORTHUMBERLAND COUNTY

Dairy farm with brick house, 12 cow milk stable, 2 Star silos w/unloaders lg 40'x132' commercial bldg priced for quick sale and possession

PERRY COUNTY

20 acres mostly wooded, nice 2½ story dwelling, large pond, good for a hunting lodge or retreat, close to Fowler's Hollow

130 ac general farm, 100 ac tillable, stream, 1800's double stone home Large bank barn, lots of road frontage and owner financing

68 acres in Blain area with house, barn, and cabin ideal for a sub-division There are approx 10,000 fir trees planted for your future sale & income, 717-536 3236

SNYDER COUNTY

101 acre dairy west of Middleburg, 4 bedroom house with 1½ baths, dairy barn with 29 tie stalls but could expand, 2 silos & out bldgs, under $2,000 00 per acre SPRING POSSESSION

118 acre modern dairy pipeline bulk tank 4 bedroom house Fall possession $215,900

135 acre dairy with 25 A woodland balance pasture and farmland An excellent farm for the money AVAILABLE FALL 1984

TIOGA COUNTY

98 acre dairy with 58 tie stalls, 1000 gal bulk tank, pipeline, barn cleaner & unloaders in the silo's and 4 bedroom house Land Lease is available Call Dave & Laura at (717) 744-2587

Dave just got a price reduction on his 345 acre Bradford Co farm so do yourself the honors and call him

UNION COUNTY

Modern free stall dairy operation on 70 acres of prime farm land with 150 rented from a nearby farm that can be purchased Mifflinburg area Call today for all the details It's priced right CALL SANDY LEAMAN 569 4264

FARMERS, INVESTORS, DOCTORS or HOBBY FARMERS. CALL our office for all your farm or country living needs. We are now establishing agents in outlying areas and they will help me be a lot more efficient. We do a great farm business over the Eastern part of Penna So please call

For all your REAL ESTATE needs in any COUNTY call us we're the REAL ESTATE professionals.

BRADFORD CO AREA. MR DAVID A COOLEY, SR AND MRS. LAURA M COOLEY (717) 744-2587.

PERRY CO NEIL WINGENROTH (717) 536-3236

101 White Oak Drive
Lancaster, Pa. 17601

CENTRAL PA FARM LISTINGS

CENTRE COUNTY

FARMETTE - 10 acres with large stone house built in 1800's, large barn, small stream Near Centre Hall $124,500

FARMETTE - 10 acres with an excellent 4 bedroom 8 year old house, bank barn in good condition, new pole building, small stream Near Centre Hall $139,500

RECREATIONAL FARM - 120 acres (35 tillable, 83 woodland, 2 site), 2 story home, 3-room cottage, bank barn, wood house, smoke house, chicken house, and implement shed-corn crib combination Julian area $94,500

RECREATIONAL OR FISH FARM - 137 acres (62 tillable, balance pasture and woodland), 3 large ponds large recreational building, 2-story house (fair condition), 2 trailers, secluded setting Near Spring Mills $149,500 Ideal for fish farming

GENERAL FARM - 154 acres (69 tillable, 26 pasture, 56 woodland), very sound 2½ story brick house, bank barn, garage, pond, nice setting Near Potters Mills, $199 500 Buildings and 55 acres (42 tillable) can be purchased for $144,500

DAIRY FARM - 131 acres (109 tillable balance pasture and site) 2 story log house with aluminum siding, bank barn with 33 comfort stalls, pipeline milker milk house with bulk tank, 18'x60' and 12'x45' silos good outbuildings nice setting Near Millheim $249,000 Owner Financing

GENTLEMAN FARM - 82 acres (53 tillable (productive and relatively level) balance pasture and woodland) Sound 2 story house new 30' x 64' Agway barn, 35' x 60' concrete block garage/workshop, nice setting Near Centre Hall $158 000

CLEARFIELD COUNTY

FARMETTE - Near Kylertown 18 acres with house, barn, pond and pasture $29,500 Adjoining is 54 wooded and tillable acres with rustic contemporary home $86,000 Also 10 acre parcel of clear land $8,500

CLINTON COUNTY

LIMITED ACREAGE HOG AND DAIRY FARM - - 14 acres with a 2-story dwelling, bank dairy barn with 37 tie stalls, gutter cleaner and bulk tank, 14' x 50' silo with unloader, 400 head capacity Nebraska style hog finishing building, 3 bay garage/workshop $115,000 36 acres of tillable Hagerstown soil available at $1,500/acre Owner Financing 9% interest, 28 years, no call provision

COLUMBIA COUNTY

HOG AND BEEF FARM - 233 acres (130 productive tillable, 19 pasture, 79 woodland) Excellent house, good barn adapted for farrowing and finishing hogs, outbuildings, nice setting $275,000 10% Owner Financing

HUNTINGDON COUNTY

HORSE FARM - 15 acres with 28'x44' ranch home, 50'x100' horse barn with stalls, 24'x36' insulated garage/shop, small stream, and nice location Allensville area $110,000

LIVESTOCK FARM - 419 acres (approx 220 tillable, 140 pasture, 59 woodland) Buildings include a brick home, 2 barns, garage, 2 silos, 2 large equipment sheds 3 ponds are situated near the buildings $345,000 Owner Financing

GENTLEMAN FARM - 103 acres (approximately 50 tillable and pasture, 40 woodland), sound well maintained 2-story frame house, 18'x31' 2-story barn, very nice setting $99,500

DAIRY OR GENERAL FARM - 129 acres (70 tillable, 52 pasture, 7 woodland and site) Sound 2-story aluminum-sided house, bank barn with 43 tie stalls and new gutter cleaner, milk house, 14' x 60' Lancaster silo, new 40' x 60' implement shed, pond and swimming pool Near Petersburg $159,500

GENERAL OR RECREATIONAL FARM - 146 acres (25 tillable, balance pasture and woodland), 40'x60' bank barn, excellent water supply with 2 springs, pond, stream Very poor house 8 miles southwest of Huntingdon $100,000 OWNER FINANCING

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville 270 acres (165 level, very highly productive tillable) Good 2 story house, bank barn, 60 x 120' cattle barn, suitable for freestalls, 20 x 60' Harvestore, 2 streams Owner financing $325,000

RIVER BOTTOM FARM - 150 acres (118 acres tillable), good house barn, silo, grain storage, Susquehanna River frontage, very productive, well maintained farm 10% Owner Financing SOLD his farm listed below Muncy area $325,000 30 additional acres (tillable) available

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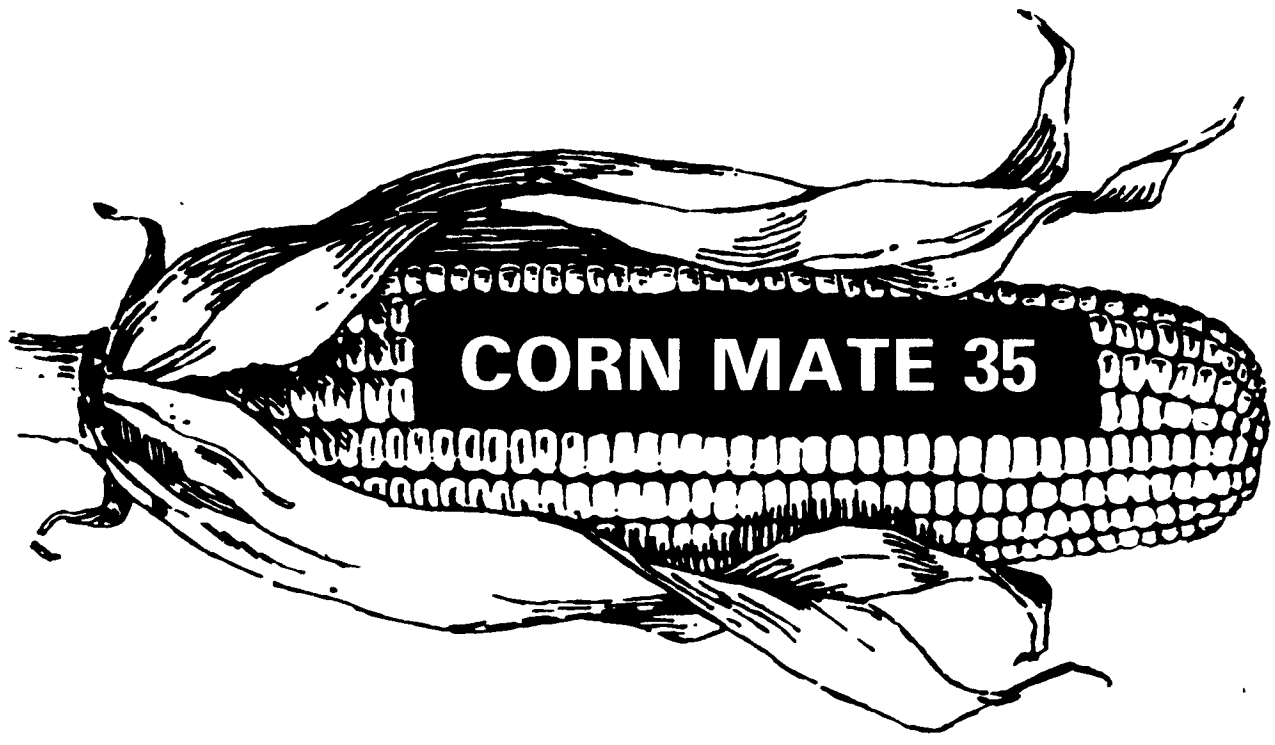

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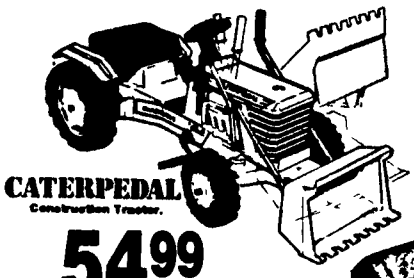

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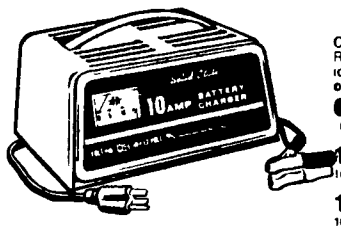

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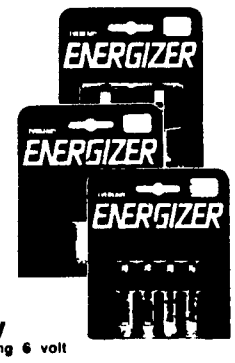

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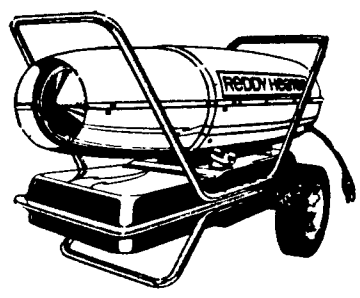

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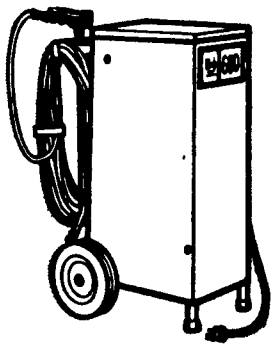

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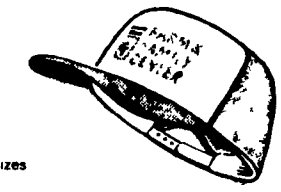

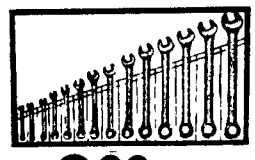

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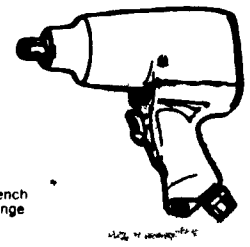

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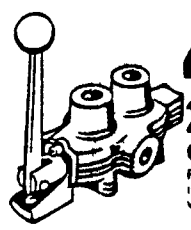

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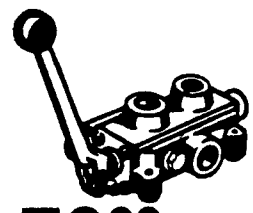

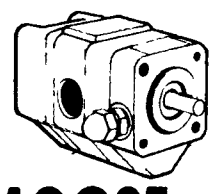

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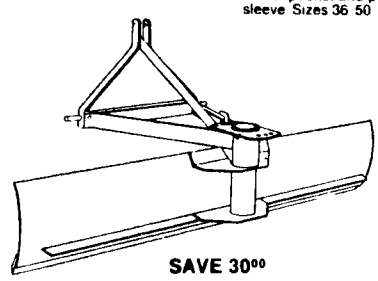

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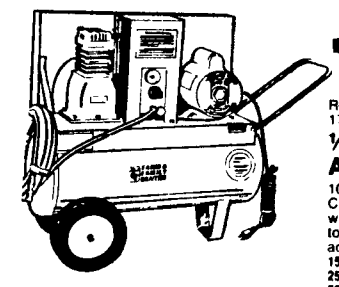

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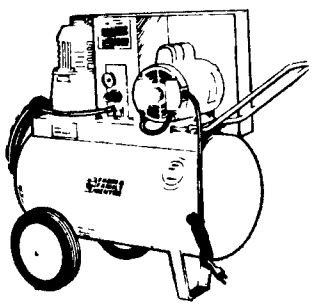

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Plenty of pumpkins across the U.S.

WASHINGTON, D. C. — Whether you're after the scariest jack-o-lantern or the perfect Thanksgiving pie, you can probably find a pumpkin to suit your needs just about anywhere in the country. Bright orange pumpkins piled up on country and urban stands are part of the autumn landscape.

According to the latest Census of Agriculture, taken in 1982, pumpkins are grown on just under 26,000 acres of the nation's farmland. Pumpkins are usually a sideline or confined to the farm garden, although they are becoming a popular attraction on many "pick-your-own" orchards and berry farms, according to University of Illinois Professor Emeritus and vegetable expert Joe Vandemark.

Processors who buy pumpkins for pie and some other foods depend primarily on just two states--Illinois and California. Illinois is the nation's top commercial producer, with 5,320 acres in pumpkins during 1982, according to the U.S. Bureau of the Census. California is next, with 1982 acreage at 3,039.

"Processing pumpkins are a lot different from the ones you'd use as jack-o-lanterns," Vandemark says. The most important distinction: Less moisture is retained in the meat, so cooking and processing take far less time than for the typical Halloween pumpkin. "And they don't look a thing alike," Vandemark adds.

Processing pumpkins are beige in color, although the flesh under the skin is still bright orange. "It's really their oval shape that makes them unfit for cutting out Halloween faces," Vandemark says.

Vandemark grows 10 acres of pumpkins on his farm just outside Urbana, Ill. The acreage is divided equally between processing pumpkins and the jack-o-lantern variety. "We have about 5 acres of pick-your-own fields," Vandemark says. "It's a delight for the children. And seeing them choose the perfect pumpkin is really a thrill every time."

Corn field is the oldest bright orange variety. Others include Small Sugar, Spooky, and Little Big Horn, named for the shape of its stem.

Heckendorn joins soils lab

NEWARK, Del.—Steven E. Heckendorn has assumed responsibility for the day-to-day operation of the University of Delaware soil testing laboratory, effective Nov. 1. Heckendorn holds a bachelor's degree in chemistry with a minor in geology from Wittenberg University in Springfield, Ohio, and is completing work on his master's degree in soil mineralogy and chemistry from Ohio State University in Columbus.

Before entering graduate school, Heckendorn spent a summer at New York State University's Buffalo branch investigating a method of determining the moisture content of planetary soils (such as on Mars) as an intern in a special student research program sponsored by NASA. At Ohio State he was a teaching assistant in the soils laboratory, and one summer taught the introductory soils course.

At Delaware Heckendorn will be responsible for laboratory equipment upkeep, improving methodology and investigating new soil testing procedures. In cooperation with extension and research specialists he will keep fertilizer recommendations updated. With laboratory supervisor Leo Cotnoir, he will play a key role in the interaction between growers and extension agents.

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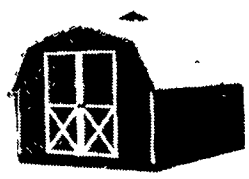

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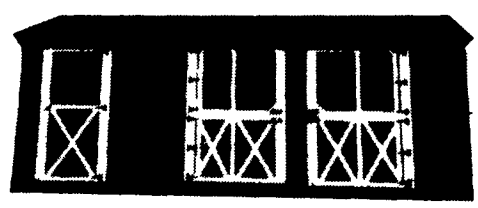

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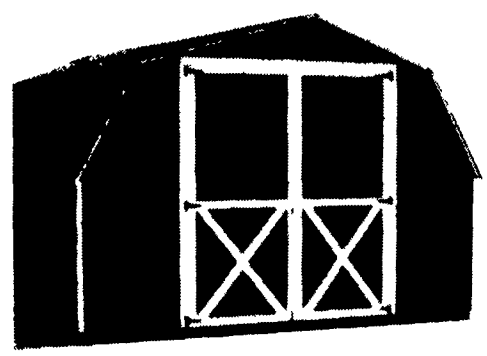

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What's the future of irrigation?

(The following is printed courtesy of IH Farm Forum.)

CHICAGO — The artificial application of water to soil for the purpose of plant production — irrigation — is as old as agriculture. Yet, probably more has been learned about the subject in the last 20 years than ever before.

"But, we still have a lot to learn," says Herman Workman, Extension farm management specialist at the University of Missouri-Columbia. "We have a tremendous amount of technology and equipment available now," Workman adds. "What we need to put together now is the right combination of management and technology to get maximum benefits."

Irrigation began its popularity surge in the late '60s and has exceeded growth projections over the last 20 years. About 90 percent of the irrigation in the Midwest was developed since the invention of the center-pivot system in the '50s. This increased use of center-pivot systems in the Midwest has exceeded most expectations.

But in the 1980's, several factors tended to slow the growth of irrigation systems. The increase in energy costs had people taking a new look at the economics of running all irrigation systems and, in a few cases, shifting to crops requiring less water.

A concern about the depletion of water used to support irrigation systems is another reason the growth curve isn't rising as sharply as before. In certain areas like the High Plains of Texas, through parts of Oklahoma and western Kansas underground water supplies are dwindling. All of these factors have not reversed the growth of irrigation, but have slowed its increase.

Today, when you mention irrigation, you must be specific. You could be talking drip, sprinkle, center pivot, cable tow, flood, high pressure, low pressure, micro or foggers, just to name a few. And, even more innovations are coming.

"For instance," says Don Pretzer, associate professor of Extension farm management at Kansas State University in Manhattan, "low-pressure center-pivot systems are being developed that require only 25 to 35 pounds of pressure to do the same job as older systems using 75 or more pounds. This represents tremendous energy savings."

Concerns over water use will make one thing certain — new irrigation innovations will be extremely efficient. Bill Lyle, Texas A&M ag engineer, says irrigation systems in Texas are efficient already and foresees them becoming even better. "We've been thinking efficiency in Texas since the beginning because of the water situation here."

The researchers all agree, irrigation isn't for every farmer or location. "Whether a farmer should install irrigation or not depends on several factors," says Missouri's Workman. "Payoff on a system is highly variable. But, given the ups and downs of farming, I'd say 10 years is a good planning payoff estimate."

Workman says a farmer should first make certain he is a good dryland farmer before adding supplemental irrigation. "It takes some really close figuring and some very careful engineering and financial planning to make the correct decision," he adds. "Of course, the economics in areas where irrigation is supplemental and used as insurance is quite different from areas where it is vital to a crop."

For Pretzer of Kansas, the main consideration should be the yield increases irrigation may offer. "Simply put, a farmer must compare his increased returns with the increased cost he will have with irrigation. Then, if in his best estimate irrigation will make him money, consider it. If not, forget it."

"In the future, we will continue to work irrigation into farming systems," Workman says. "It will expand even more in some areas and fade out in others. Farmers will continue to look for labor- and fuel-saving systems that they can maneuver and work with. Systems that meet this goal and are profitable for the farmer definitely are in our future."

New ag agency formed

HERSEY, Pa. — Lori Johnson and Tom Cooper, two ag marketing professionals with over 50 combined years of experience, have joined to form Key Marketing Services, with headquarters in Hershey. The company will also maintain an office in Clermont, Fla., near Orlando.

According to Johnson, president, the new company will provide advertising, public relations, sales promotion and incentive programs, as well as other types of marketing services. "We will specialize in helping farm equipment dealers, distributors and manufacturers, since that is where the bulk of our experience lies," said Johnson. "But we will be talking with all types of ag companies because we think we know how to help them with their advertising needs."

Johnson noted that she has been involved in ag marketing for over 15 years. She has worked for several advertising agencies on agricultural and industrial accounts, and has worked for Avco New Idea farm equipment and Sennınger Irrigation in their in-house advertising departments.

Partner Tom Cooper is a veteran ag professional, having worked for Sperry New Holland, Massey and Avco New Idea. With Over 35 years experience, he recently retired from his position as New Idea's Eastern Regional Manager.

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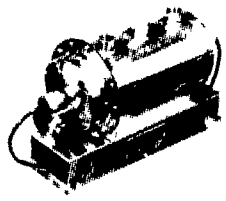

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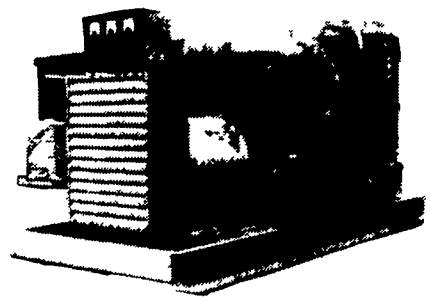

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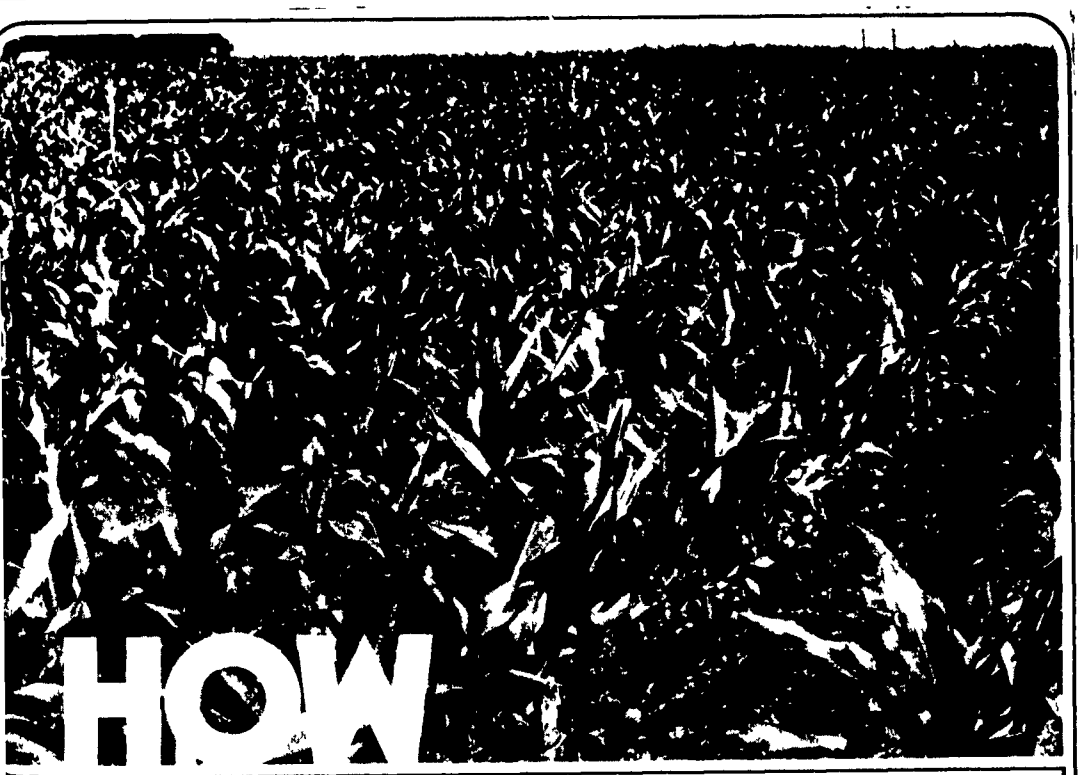

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1 - Farm Equipment
2 - Farm Equipment Wanted
3 - Silos and Unloaders
4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories are available for your classified advertising, in Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

7 - Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Equipment & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
16 - Fertilizer
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Blended credit to Iraq provides for credits of up to three years. All shipments must be completed by Sept. 30, 1985. The guarantor is the Rafidain Bank and/or other eligible banks.

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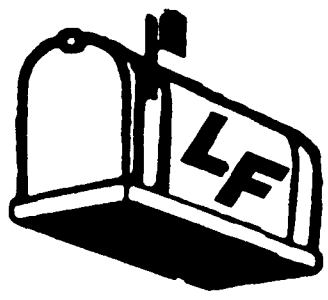

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FOR SALE-AS 600 Super B grain dryer - 3 phase; Ideal Metal bin, approx. 250 bushel capacity. 717-286-6411 or 717-286-0215.

FOR SALE-IH 574 diesel row crop tractor, 16.9x30 rear rubber, with weights, 1,800 hours, new heavy duty clutch and pressure plate just installed, available with or without Model 2250 quick tach loader. $8,500. 215-967-1821 after 6 PM.

FOR SALE-JD 42 corn and soybean special pull type 9' combine. Grinder Blower. 717-444-3968.

FOR SALE-MF 65 gas with loader, Farmall cub with cultivators, JD 8' KBA transport disc, McCurdy gravity bin wagon, Woods 5' pull type rotary mower. 215-562-4464.

FOR SALE-MF 510 diesel combine with cab, 15' pickup reel, good condition. $6,900. 717-374-1958.

FOR SALE-NI 325 narrow corn head. NI 727 picker. 702 Uni tractor. Badger liquid manure spreader Model BN315. 304-263-9801.

FOR SALE-One corn drag with motor, $250. Three Smidley steer feeders. All 3, $750. 717-624-2313.

FOR SALE OR TRADE-Coby forage wagon box for good used flail chopper. 717-758-2136.

FOR SALE: 2 Kill Bros. 400 bushel gravity bins. Grain wagons, excellent condition. Parksburg. 215-857-3460.

FOR SALE - JD 227 Corn picker, JD 50 Corn sheller w/elevator. Super B LP gas fired grain (110 bu.) dryer. (215) 489-7044.

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1 New Holland 26 blower and 1 International silage wagon model 110, 16' long. 1 Farmhand model F89 grinder mixer. Also 1 hay tedder model 47. Call 215-827-7687.

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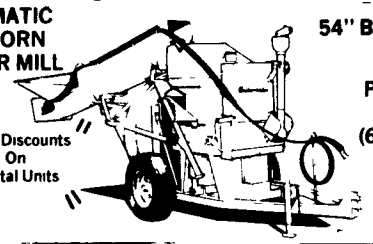

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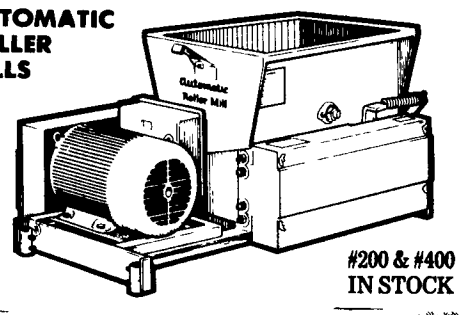

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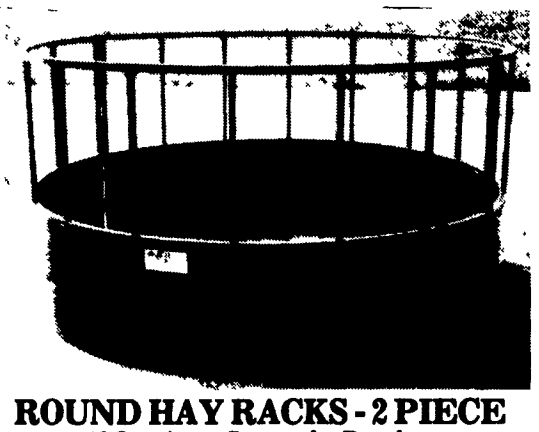

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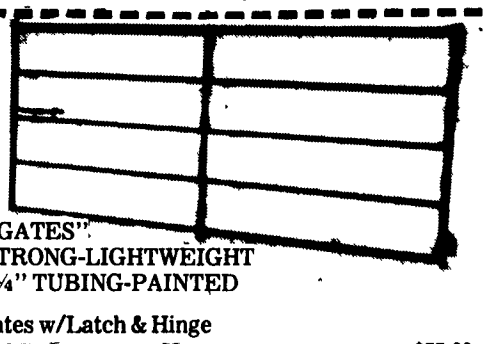

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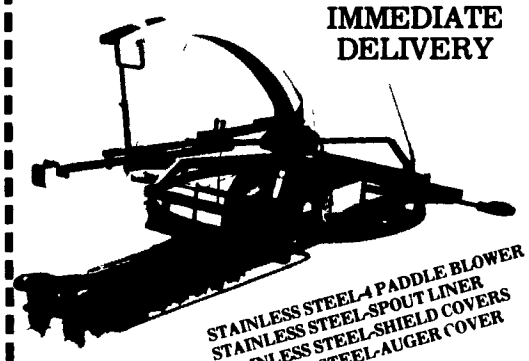

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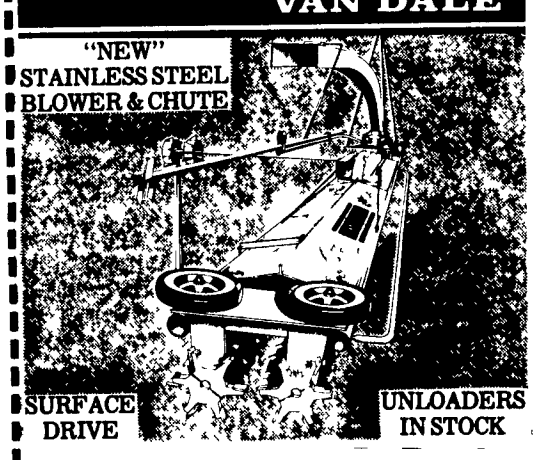

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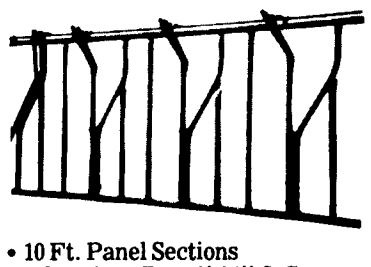

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$2,000
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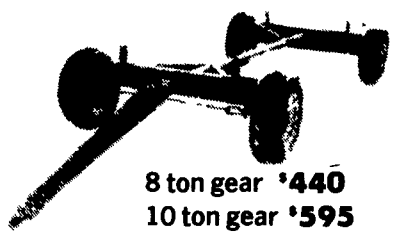

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IH 5500 mtd. chisel plow, 9'
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(2) IH 234 Corn Pickers
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Case 1537
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Gehl 95 Mixer
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5' Rotary Mowers
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J D 35 Forage Harvester

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NH 489
IH 990
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Vicon 240
NH Elevator
Little Giant Elevator
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JD 900 V-Ripper 7 Standard
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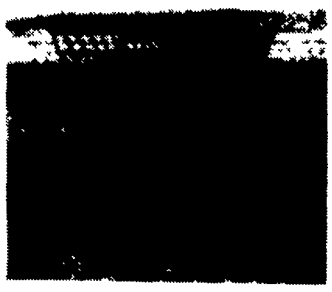

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AC B
AC D17

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Fox 6650 4 WD w/4 Row Head & Pickup
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Fox Max 1 SP
MF 750 Combine 6R & 131 Grain Head
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Fox 3310
Fox 299 80" Flail Head
Fox Max 1 SP, Cab, 4 Whl., Low Profile Head
NI 705 Uni 767 Harvester

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NH #8 3 Beater & Roof
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Glenco SS9 Soil Saver
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Hesston 5500 Rd. Baler
Hesston 30A Stacker
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IH 110 3 Beater Wagon
NH 1495 Gas SP Windrower
NH 479 Haybine
NH 489 Haybine
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White 598 6 Bottom Vary Width Plow
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Hesston 1090 9' Windrower
Hesston PT10 Windrower
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111 JD 12' Disc Harrow
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JD F45 3 bottom 16 , excellent
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Glencoe 12' 9 Soil Finisher
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Gehl 3510 Skid Loader (Demo)
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Hesston 5530 Rd. Baler
Hesston 2420 12' 3" Disc Harrow
Hesston 1091 9' Windrower
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JD 325 3 Btm Plow
JD 145 5 Btm Plow
JD AW 12' Disk Harrow
IH 370 11' 5 Disk
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JD #16A Flail Chopper
NH 717 w/1 Row Head
Badger Forage Wagon

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NI Flail Shredder
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JD 430 Round Baler
NH 849 Round Baler
NH 489, 495, & 499 Haybines
NH 256 Rake
JD 660 Rake
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JD 4230 Quad range, factory cab & air, 38" rubber, fully equipped, sharp
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JD 2640 38" rubber, dual hydraulics, independent PTO, very nice
JD 4020 Diesel, side console
JD 4320 w/year around cab, nice
JD 2630 w/Independent PTO, roll guard, and dual PTO
JD 4010 Diesel, wide front
JD 630 w/3 pt. PS
(2) IH 1086, cab & air, 3 hydraulic outlets
IH 884 w/TA fully equipped, like new
(2) IH 1456 w/factory cab, dual PTO's and hydraulics, sharp
IH 1256 wide front, 3 pt., dual PTO's
IH 1256 w/complete engine overhaul
IH 1066 w/factory red cab & air, new TA & clutch, dual PTO & hydraulics
IH 10SOLDut cab, clean
IH 826 Diesel, gear drive, wide front, 3 pt.
IH 706 Diesel, clean
IH 656 Diesel, wide front, 3 pt. - dual outlets gear drive
AC 5040 Diesel, late model, one owner 400 hrs. wnclosure $6,000.
MF 1080 w/multipower, dual remotes, 16.9x38 rubber
NH #8 Forage Wagon on tandem running gear

HARVESTING EQUIPMENT

NI 705 Diesel w/cab
NI 701 w/cab SOLD Husker, 3 row narrow head, $6800
NI 701 w/heavy rear axle
NI 717 combine $2500
NI 737 Husker $4200
NI 727 HuskSOLDl nice
NI 738 4 row narrow corn head, w/stripper bars
NI 730 4 row wide corn head snapper rolls $1,000
NI 767 Super Chopper w/electric knife sharpener
NI 713 GraSOLDd
NI 743 3 row narrow quick tach w/stripper bars $2500

MISCELLANEOUS

3 pt. hitch, hydraulic wood splitter
3 pt. hitch snowblower, 7'
IH 2250 Loader Quick tach
Cab to fit JD 3010 through 4020, $400
Dual wheels - 34's and 38's
Cab w/air to fit IH tractors, 66 Series

Box 91 New Providence, PA 17560
Business Ph. 717-786-1606
717/464-5960 Evenings

case

TRACTORS
- Case 430
- Oliver 500
- JD 2630
- JD 2010 w/Loader
- White 2-105 Tractor
- Ford Jubilee
- IH 350 w/fast hitch

LOADERS
- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 1816 Skid Loader
- Case 1830 Skid Loader
- Case 450 Crawler Dozer
- Int 3200 Skid Loader

TILLAGE
- JD 3 Bot 3-16 Plow
- 318 Spring Reset Plow
- Int 700 5-Bot, 16" Plow
- Brady 13' Field Cult
- Case Disc Harrow, 10'
- Oliver 2 Bot Trailer Plows
- MF 3 Bot Plow
- Mohawk 7 Tooth Chisel Plows
- Case 18' Disk
- 3 Pt Disk
- Used Cultipacker

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- Hesston Harvester Head-3 Row Wide
- Case 600 Combine w/3-Row Head
- NI Unisystem 702 Tractor, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 727 Husking Bed
- NI 767 Super Chopper
- NI 743 Cornhead
- NI 323 1-Row Cornpicker
- NI 324 12 Roll Husking Bed
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2-row cornhead
- Oliver 73H 2-Row Cornpicker
- Int 234 Mounted Picker

HAY EQUIPMENT
- NC 7 Ft Mower
- JD 1209 Windrower
- IH 1190 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1090 Windrower
- 2 Bale Thrower Wagons
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler

MISCELLANEOUS
- IH 400 Corn Planter, 8 Row
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- NI 218 Spreader
- IH 275 Spreader
- Weaverline Cart, 24 Bushel

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

USED COMBINES

Waiver of Interest till September 1, 1985

- '79 Int. 1460, Low Hrs. w/820 Cutter Bar & 863 Corn Head
- '75 JD 7700 - Rotary Screen, 16' Platform
- '76 JD 7700 Rotary Screen
- '81 JD 8820 4 wheel drive, factory duals, 1100 hrs., with 220 flex cutter bar and 1243 corn head. Excellent Shape
- '72 NH 985 w/ 13' Cutter Bar & 4 Row Wide Corn Head
- '80 Int. 1480, 1356 Hrs., w/820 Cutter Bar & 883 Corn Head
- '79 JD 7720 4 WD 1400 hrs. 220 flex cutter bar
- '72 JD 6600 Diesel w/13' Cutter Bar w/Hart Cart Flex Attachment

CORN HEADS
Good Selection of John Deere 443-444-643-644-843-1243 Cornheads

USED TRACTORS

Waiver of interest till March 1, 1985

- '77 JD 8430 w/dual 20.8x34 tires, 3 pt. hitch, PTO, 3 outlets
- '69 Oliver 1850
- Int. 240 Tractor w/2 btm. plow & blade
- Allis Chalmers 180 diesel
- '68 AC 180 Diesel, 2350 Hrs.
- '80 Int. 1086, Cab, 1483 Hrs., Dual 18.4x38 Tires
- '64 JD 3020 Diesel

- '79 Steiger ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs. Reduced to $28,500.

CORN PLANTERS

- JD 7000 630 conservation planter w/no till coulters, dry fertilizer, auger fill monitor, insect. attachment

USED PLOWS

- JD F145-5-16 Semi Plow w/Harrow attachment

JD 125 Skid loader, diesel engine, utility bucket
List $18,900 Special Price $13,850

MISCELLANEOUS EQUIP.

- JD 210 14' disc harrow
- 1 Brillion 21' folding packer, crow foot wheels
- Graber 26' flex pull-type chisel plow
- 1 Brillion 4 row cultivator w/heavy spring shanks
- Bish head adapter to install JD corn head on NH TR70 combine
- JD 38 Harvester w/2 RW Head
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- (1) Brillion 15½ ft. field cultivator w/Midwest Harrow
- John Blue 300 gal. trailer sprayer w/hydraulic pump
- (1) Int. 21x7 Grain Drill
- (1) JD 709 3 pt. rotary mower
- Rhino 8' Rear Blade

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14 5 HP (Model 650).. Bar Tires
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22 HP. (Model 850) Turf
33 HP (Model 1050) Bar
45 HP .(Model 2150)..4x
50 HP. (Model 1450) .4x Now In Stock!
100 HP ..(Model 4050) .PS, 2 Wh,.18.4x38 Tires
120 HP .. (Model 4250) PS, 4x, 20.8x 38 Tires
70 HP (Model 2640)..2 Wh., 18 4x30 Tires

• We Trade Used Tractors! •

USED TRACTORS

U. JD 2020 Utility w/Weights, New Tires, Nice.
U. MF 202 Ind. Ldr., 3 pt and PTO.
U. Oliver 1450 Diesel.
U. JD "A" Antique (Restored).
U. JD "H" Antique (Restored) 2 In Stock-1 w/Cultivator

Coming In...AC D-14

NEW & USED MOWERS
John Deere And Woods Rotary Mowers, Pull Type And 3 pt.

★ USED MYERS UNIVERSAL LOADER SNOW PLOW!

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Come, See And Make An Offer!

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1979 JD 6620 Sidehill, Ex. Cond
1975 JD 6600-Good operating condition—Buy "As Is" or we'll Go over!
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★ No Interest Until June 1, 1985!
★ Heads Available For These Machines!

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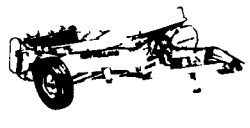

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Plus Waiver Of Finance Until 6/1/84

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USED EQUIPMENT
JD 5020 tractor
MOTT MOWER - 48 In.
JD 4400 Combine
JD 105 Combine
Oliver 5x16 Plow
1-JD AW disk harrow, 14'
4440 Tractor w/cab & air
JD 2240 w/145 Loader
18.4x34 M&W Hub Dual
20.8x34 JD Hub Dual
18.4x34 Snap On
24.5x32 Snap On
F145-5 Bottom Plow
JD 820 Diesel Tractor w/Loader
JD 716A 2-Beater Forage Wagon w/1075 Chassis
JD 716 3-Beater w/Roof and 1275 Chassis
JD 7000 4 Row Planter

NEW EQUIPMENT
JD 415 Rotary Hoe
JD 7000 - 4 Row & 6 Row Conservation Planter
1 - JD 506 Gyramor
2950 Tractor
4250 Tractor
JD 2350 Tractor

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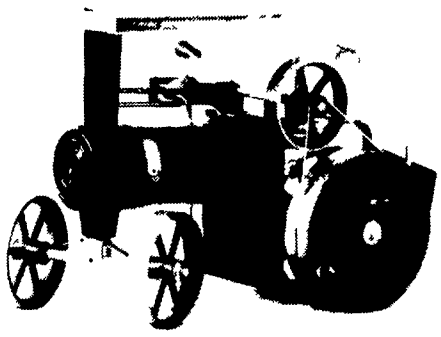
NEW! LIVE STEAM TRACTORS



[ ] This working replica was used years ago in lumber Camps and Threshing Runs These tractors come complete with Brass Boilers Copper Steam Pipes Steel Fire Box Cylinder Piston and Whistle that actually blows Made of Brass Uses water and burns solid fuel supplied Takes 3-5 minutes to raise steam then will go ⅓ of a mile Self Propelled Develops 1/15 Hp, 3000 rpm 10" long, 7" high 5" wide Weight 3½ pounds Fitted with reverse control sight glass and steering extension Can also be used to drive workshop models N A T R Award winners Made in England A real work of Art gleaming and Beautiful Makes an ideal Mantel piece Given Ordinary care an engine lasts in definitely Has safety valve $109 95 Postpaid

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USED TRACTORS
JD 4040
AC D15
JD 4640
JD 2640 Like New
JD 4040 w/Cab
IH 706

USED COMBINES
AC M2 4 Row Head 15' Platform
AC F w/13' Platform
AC N5 Rotary
AC N6 Rotary

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NH 513 Spreader
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Ford 7600 w/cab & DP
Ford 7700
Ford 8100, 1980 w/cab, DP
New Ford 8200, 110 h p , DP
Ford 8600 1972 w/dual power
Ford 9600 DP
Ford 9700 cab, DP
Ford TW10 w/cab & air DP
Ford 10 4 WD w/cab & air, DP
JD 1030 hi-lo, w/cab
JD 1120 1969 hi lo
New JD 1640
JD 2120
JD 2130 1975, w/cab
(2) JD 3120 1969
JD 3130 1976 w/cab
JD 4230
IH 784 w/cab & heat
IH 966 1974 w/cab
Universal (Long 445) 4 wheel drive
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New Replacement Seats for 9N to 5000 Tractors Adjusts to Operators Weight $120.00 Each

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With 744N Cornhead

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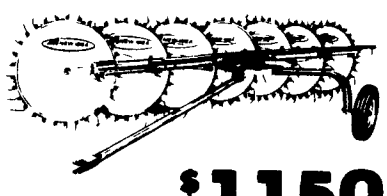
404 5-WHEEL RAKES
Get quality at a budget price rake a variety of widths fast and clean in smooth or uneven fields with a min imum of maintenance



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HESSTON FARM EQUIPMENT

1505 PIT AGITATOR
Keep your pit or lagoon liquefied and spreadable with Hesston's Slurry Agitator.

1505 Agitator

Dimensions and Weights
Total weight 840 lbs
Overall length 221 (18.5 ft)
Overall width 39
Overall height 37
Working depth 102 (from ground level may vary from tractor to tractor)
Propeller dia 22

Drive
Weasler L55 telescoping U joint assembly with 2 shear bolts

Tractor Requirements
3 point hitch Category II or III Narrow (Category III Narrow requires reducing spacers in ball joints of lower lift arms)
Hydraulics – single remote outlet ASAE 8 inch stroke cylinder required (not furnished)
PTO 540 rpm
HP 65 PTO min rec m

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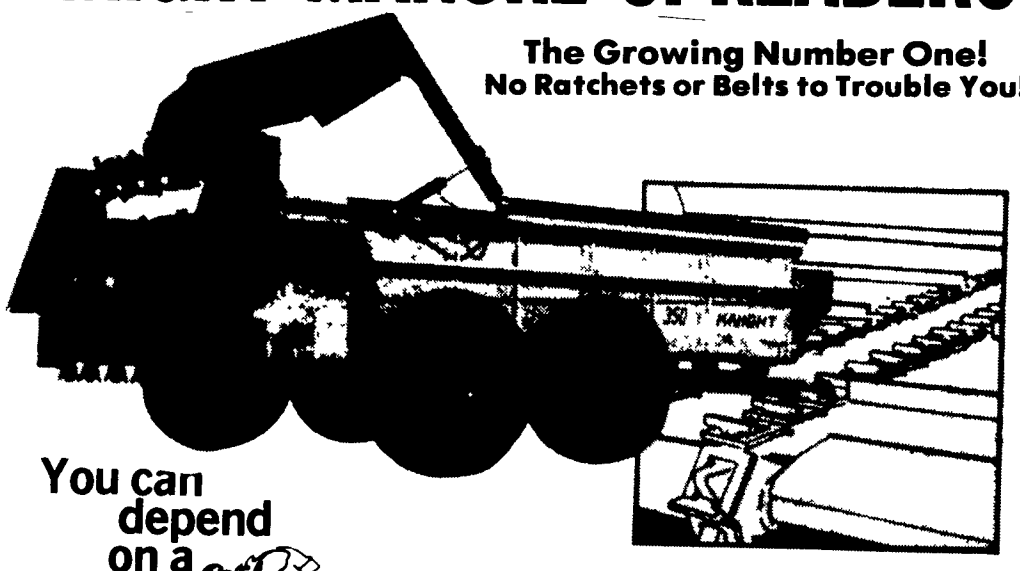

You can depend on a Knight

Gratz Chain Double Web is Standard Equip.

Several Hydraulic Apron Drive Spreaders In Stock!

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THESE MODELS IN STOCK
- Model 500 - Regular
- Model 410 - SOUPer SOLID
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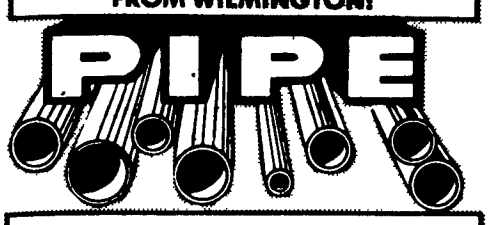

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(1) Case 1830 Skid Loader

(1) Farmall M Trac. $1,295

(1) JD 4320 Trac.

(1) Used 9' Glencoe Soil Saver *2,995

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SUPER SPECIAL OF THE WEEK

DEMO AC 6080
2 WD w/ROPS
Call For A Super Price

Model 6140, 6070, 6080, 8010, 8030

USED EQUIPMENT

AC 5020 4 WD, FWA
7060 PS with cab
Wilbeck 7 shank chisel plow
Swartz model 750 mix wagon
IH 1300, 7', 3 pt. hitch mower, new condition
AC 4 bottom SC plow
Used E-3 330 corn head, excellent condition
AC LKSHY Combine w/630 Corn Head and 13 Ft. Grain Head
Oliver 83H 2 Row Corn Picker
Cagle 750 Gal. Sprayer

SPECIAL SAVINGS ON ARTS-WAY SILAMIX & MILL MIXERS

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MESSTON
WHITE FARM EQUIPMENT

USED EQUIPMENT

Ford 1500
Ford 1500 4 WD, PS 110 hrs
Ford 125 Lawn & Garden Tractor w/mower
Ford 9600 Tractor
Farmall 340 Trac
NI 504 Loader w/hyd bucket control
Snowcoe 51'6" auger
White 543 4 Row No-til Planter
Oliver 535 Combine 12'G H 3 Row C H
IH 56 4R Planter
Amco Terrace Disk
Ford #101 3 x 14 Plow (Excell)
MF 3B 14" Mtd Plow
NI 109 Fertz Spreader
Ford 2 Row Cultivator
Hesston 1014 Windrower
MM 3496 Combine, Cab, 2R Head, 12' Grain Head
1068 Haybuster No-Till Drill (Demo)
Fox 728 2R Corn Head
NI 325 Picker w/27 Husking Unit
Ford 1 Row Mtd. Picker
NI 218 Manure Spreader
Better Bilt 1100 Gal Liquid Spreader
Ford 501 mower

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RHINO 890

The Best COULTER CHISEL PLOW That Offers You More Weight At Less Cost

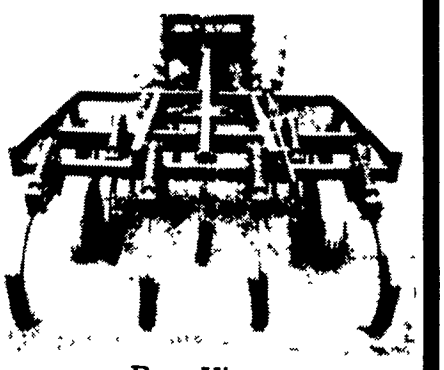
NOTICE: *POWER SAVING FEATURES BELOW*

RHINO by Athens

THE ALL NEW MODEL 890 COULTER CHISEL

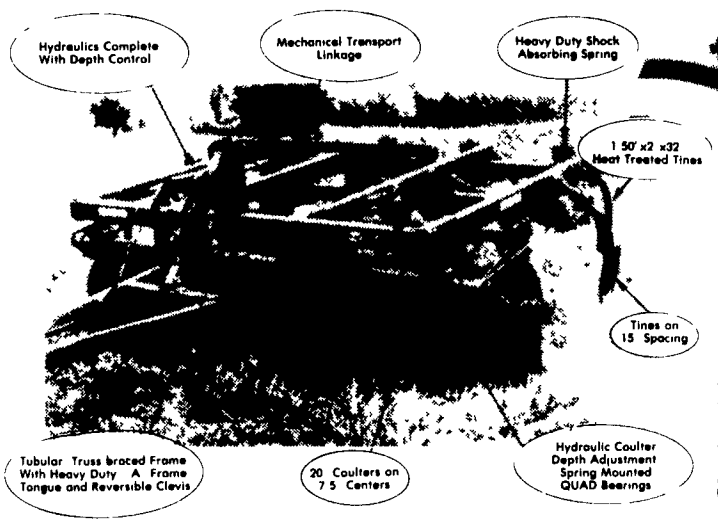
An Industry First

Side View



Rear View

- Features Hydraulic Raised and Lowered Coulter Gangs That Allow You To Raise Slicer Blades When Not In Trash That Saves Power, Fuel, Gives More Speed, Less Wear, Then When You Reach The Heavy Trash That Needs To Be Cut, You Lower Slicer Blades and Keep Right On Going!
- 1½" Thick x 32" Tines Give You Heavy Duty High Clearance!


Hydraulics Complete With Depth Control
Mechanical Transport Linkage
Heavy Duty Shock Absorbing Spring
1 50" x2 x32 Heat Treated Tines
Tines on 15 Spacing
Tubular Truss braced Frame With Heavy Duty A Frame Tongue and Reversible Clevis
20 Coulters on 7 5 Centers
Hydraulic Coulter Depth Adjustment Spring Mounted QUAD Bearings

Best Of All More Weight Less Cost

NOTICE: This Enables You To Lift Coulters Out When Not In Trash — SAVE POWER & WEAR

RHINO 890 Specifications

No of Shanks	5	7	9	11	13
Effective Width	6'3"	8 9	11 3'	13'9"	16 3'
No of Coulters	11	15	19	23	27
DBHP	75	105-	135-	165	195-
Requirements	100	140	180	220	260
No of Wheels	2	2	2	4	4

	List	SPECIAL SALE PRICE
5 Shank	$4,679	$3,955.00
7-Shank	$6,278	$5,685.00
9-Shank	$7,073	$5,860.00

NEW DEMO-RENTAL GLENCOE SOIL SAVER
7 Shank Stretch Frame
ONE ONLY List $7,391.00
DEMO RENTAL PRICE **$6,250.00**

USED GLENCOE 7 SHANK SOIL SAVER
Very Good Condition
$2,985.00

GLENCOE 7 SHANK 3 PT. CHISEL PLOW
w/Spring Shanks **$950**

NEW RENTAL LANDOLL COULTER CHISEL SOIL MASTER 7 Shank
ONLY **$4,690.00**

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PARTS

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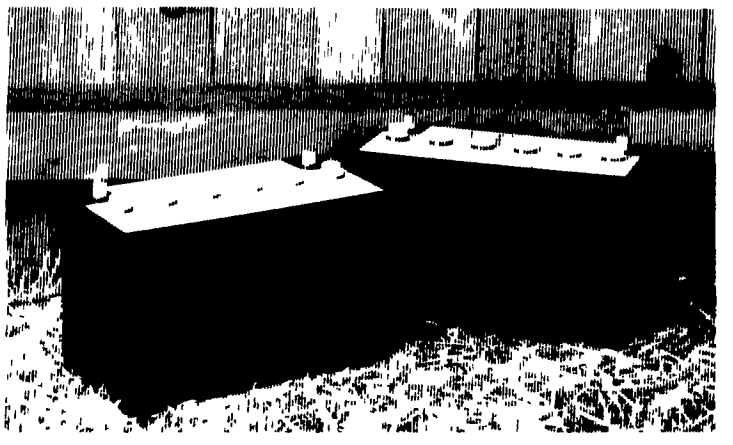
Buy one battery at regular price



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Offer ends December 31.

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NEW DEMO 1816C SKID STEER LOADER

- 16 HP Onan Engine
- Passes Through 36" Doorway
- Breakout Force Over 1,000 Lbs.
- Numerous Bucket Options Available
- New Warranty - Demo

Serial #9863341

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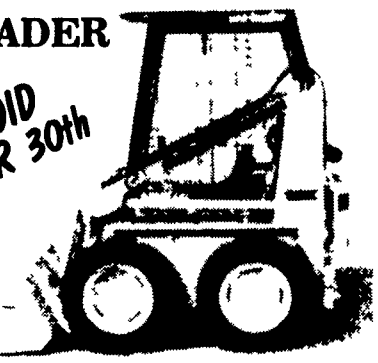
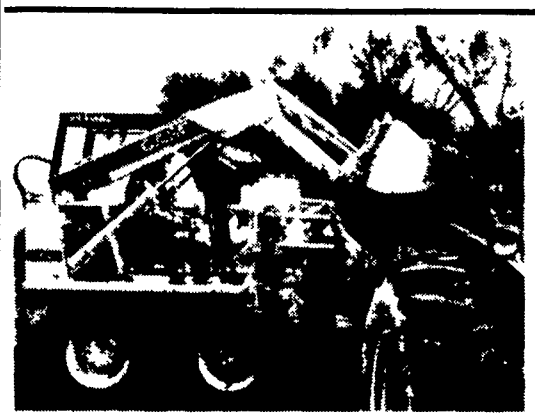


$5,897.00 CASH



SPECIAL OFFER ON NEW DEMO-RENTAL CASE 1835

Gas Uniloader w/Big Tires Serial #9866393

This machine has New Warranty, but SAVE By Rental Reduced Cash Price Of ONLY **$10,950.00**

SPECIAL - BRAND NEW DIESEL POWER!

ONE ONLY
Serial #3463

New World Class Leader
GEHL 4610 DIESEL One Only Serial #3123
New 4610 Diesel Features:

Easy service tilt cab, side console controls, low operating height, 44 HP Perkins Diesel water-cooled engine, 10:00x 16.5 tires, large 65" wide material bucket. Waiver of Finance.

Factory List Price w/Freight $18,611.37
Our Regular Price $15,516.00
YOUR SPECIAL SALE PRICE ONLY **$14,800.00**

USED 1845 DIESEL

Completely Reconditioned Uniloader
Including: Rebuilt Motor, Big Tires & 73" Bucket
Reg. $10,850

Others Coming In SALE... **$9,850**

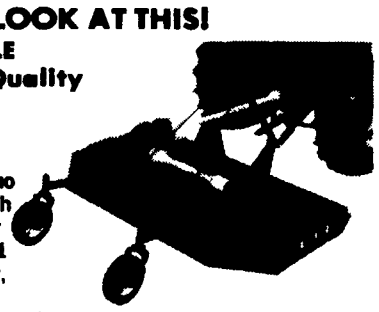
USED CASE 1830 GAS UNILOADER Newly Overhauled Motor, 1979 Model **$7,900**

USED CASE 1830 GAS UNILOADER Excellent Tires, Aux Hydraulics, Machine, 1978 Model, 66" Bucket **$6,500**

USED FORD CL 40 SKID STEER Ford, Gas Powered, Local Machine, 1730 Hrs., 60" Bucket **$6,650 Cash** Half The Price Of A New One

LOOK AT THIS!

SPECIAL SALE on New Hi-Quality ROTARY MOWERS



- **5 Ft. 3 Pt. Rhino Model SE5 With Stump Jumper Blade Holder, 1 Year Warranty, Single Tail Wheel Only $495**
- **Bush Hog 7 Foot 3 Pt. 257R Heavy Duty $1,431**
- **Bush Hog 8 Foot 3 Pt. With Double Tail Wheel $1,680**

BUY FROM US!

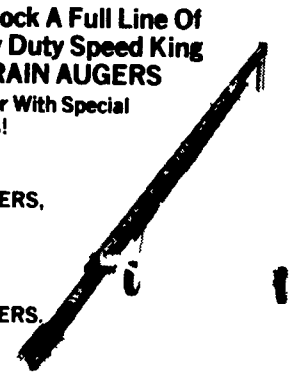
We Stock A Full Line Of Heavy Duty Speed King GRAIN AUGERS

We Are Your Dealer With Special Prices!

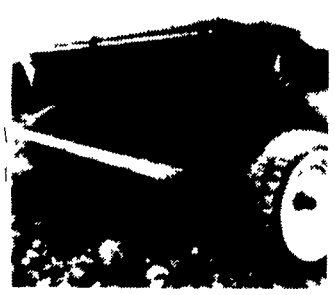
UTILITY AUGERS
- 6"x12'
- 6"x22'

PTO TRANSPORT AUGERS, TOP DRIVE
- 6"x60'
- 8"x41'
- 8'x46'
- 8"x53'
- 8"x60'
- 8"x65'
- 8"x72'

PTO TRANSPORT AUGERS, BOTTOM DRIVE
- 10"x41'
- 10"x61'
- 10"x71'



READY TO GO!



IH MODEL 10 GRAIN DRILL
13 Disk w/Grain, Fertilizer, Grass Seed In Very Good Condition, Mechanical Lift
Only **$1,450**

ARE YOU MOVING? We Offer Custom Hauling For Farm Machinery, Household Goods & Most Anything Our Trailers Can Handle! Anywhere In The USA & Canada

FOLLOWING UNITS AVAILABLE:
- 21 Ft. Rollback Truck w/Winch

TRAILERS AVAILABLE:
- 45 Ft. Open Top Van w/Weather Tight Tarp
- 43 Ft. Single Drop - Drop Deck
- 39 Ft. Drop Deck, 35 Ton Rating w/Beaver Tail & Ramps
- 45 Ft. Flatbed w/Side Kit & Tarp Available

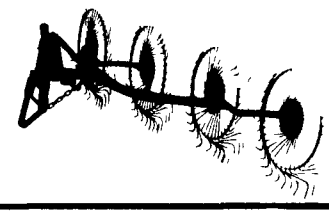
3 PT. ROUND BALE SPEAR

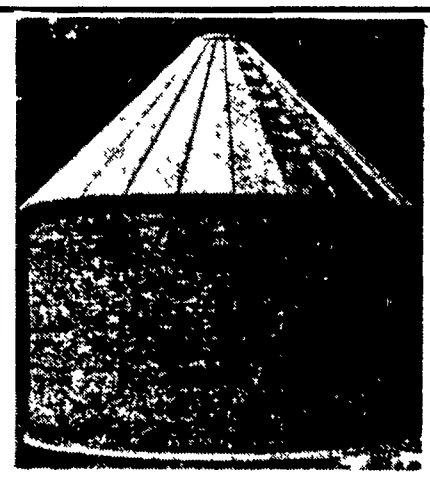
In Stock, Only **$173**
Ideal For Holding Bale When Inserting Into Bags

IDEAL FOR CORN FODDER RAKING AND MUCH MORE!

Special Offer On New QUALITY BUILT RAKES

NOTICE: Rake your hay, straw and corn fodder with an inexpensive, 3 pt. Wheel Rake for only **$495.00**





BEHLEN CORN CRIBS

NOTICE! The Prices Have Gone Up, But Our Present Inventory Will Go At The Old Prices Until Depleted
SO DON'T WAIT!
SAVE NOW

- Model-EXL-15 1515 bushels plus extra capacity in roof area.

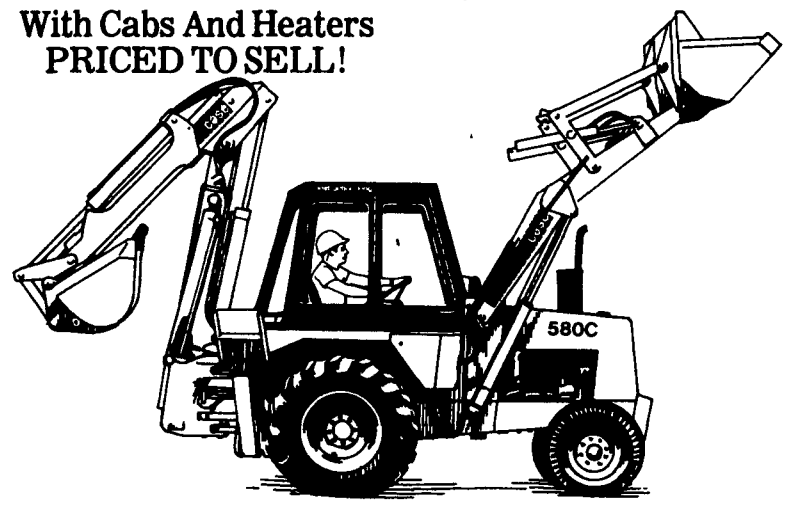
Did You Know Behlen Corn Cribs are No. 4 gauge, which is heavier than most other brands and helps to prevent bulging of sides.

case®

Coming In...

USED 580C CK LOADER/BACKHOES

With Cabs And Heaters
PRICED TO SELL!



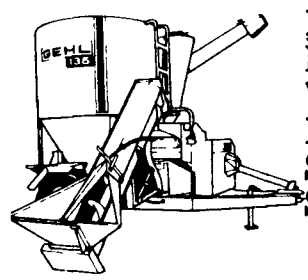
OUR NATION'S FARMERS #1 CHOICE GEHL

One Only...BRAND NEW GEHL MODEL 135 MILL

Special Offer

PLUS A Free Gift From Gehl Company Sent Direct To Your Home If Your Purchase Is Made Before The End Of November, 1984.

Your Selection Is From The Following:
- Panasonic Microwave Oven • GE 13" Color TV
- Total Gym Exercise System by West Bend



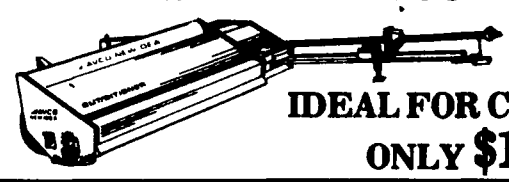
Remember - Gehl Turns Easier Because They Cut, Not Pound, Which Makes Less Dust.
Includes 66 Cutting Hammers
Serial #5059
Self-Contained Hydraulics Mean No Gears & Very Little Maintenance

List Price $10,259.00

CASH PRICE **$8,391.00**

Financing Available w/Monthly Payments

NEW IDEA 9 FT. CUTDITIONER



Pull Type
Flail Machine

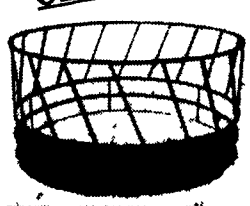
IDEAL FOR CORN FODDER

ONLY $1,480.00

SPECIAL OFFER

ROUND BALE FEEDERS w/LOWER FEED SAVER PANEL

8" Dia. x 44" High w/15" Feed Saver Panel



Round Feeders are rugged constructed to give years of feed saving service. Each feeder makes it possible to feed nearly 100% of your big bales to over 20 head of full grown cows. The nearly 100% Utilization of feed can more than double your feed dollars.

SALE PRICE ONLY $98.50
w/Short 4" Extension Legs To Keep Unit Above Mud

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P.M.;
Sat 7 A.M - 11:30 A.M. Sun. Closed - Lord's Day

Hurry... BRAND NEW, WARRANTED QUALITY TRACTORS AND UNILOADERS AT UNBELIEVABLE PRICES!

OFFER VOID NOV. 28, 1984

Please Don't Wait... This Is Your Time To Save!
(November Will Soon Be Gone)

LOOK AT THIS! Buy A NEW CASE MODEL 1194 Diesel Tractor w/43 HP For ONLY $10,800.00

AND Get 8.8% Financing Up To 4 Years
OR Pay Cash And Pay ONLY $9,750.00

Serial #11039652

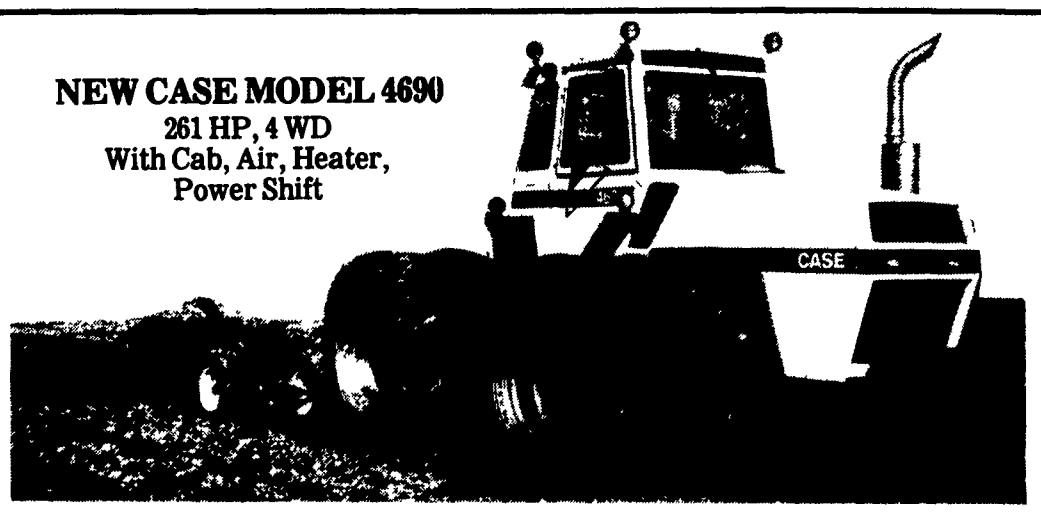
FEATURES:
13.6x28 Rear Tires, Easy Service Tilt Hood, Hydraulic Remotes Outlets, 540 PTO, Heavy Duty Main Frame For Loader Application.

AND Add A NEW CASE MODEL 54L QUIK TAC LOADER w/72" Bucket For ONLY $2,796.00
Reg. List Price $3,709.00

OFFER VOID AFTER NOV. 28, 1984

NEW CASE MODEL 4690

261 HP, 4 WD
With Cab, Air, Heater, Power Shift



Equipped With Case Solid Frame Crab Steering, Which Is Very Important If You Have Hills. 4 Way Steering Is Operated Very Easily With An Electronic Toggle Switch, Which Also Allows You To Operate As A 2 Wheel Drive Steering System. Also Has 20.8x34 Tires, Elecronic Activated 3 Pt. Hitch w/Draft Action, Quick Coupler Quick Hitch, 4 Hydraulic Sets, 1000 RPM PTO, Deluxe Custom Interiors, Tilt Hood For Easy Service.

You Must Come And See To Appreciate

CASH PRICE ONLY $63,933.00 w/Regular Rate Financing
Dual Wheels Not Included, But Available)

A Good Way For Investment Tax Credit Is To Purchase This Unit NOW!

GIFT HEADQUARTERS FOR FARM TOYS

15% OFF These Prices On Tractors
10% OFF These Prices On All Other Equipment

CALL NOW - WE SHIP U.P.S.

No 226 Minimum Tillage Plow Size 19 Lx11½ Wx2 7/8' H Weight 1 lb 8 oz
$11.70

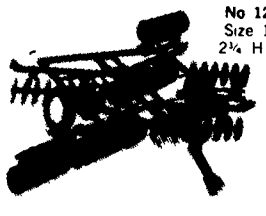
No 221EO Gravity Feed Wagon Size 8 Lx5¾ 'Wx 5¾ H Weight 1 lb 11 oz
$9.10

No 220EO Mixer Mill Size 10 Lx6 W 7 'H Weight 1 lb
$11.75

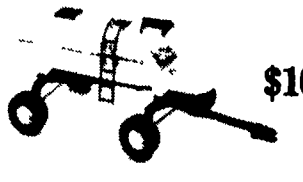
No 267DO Case 2594 Tractor features the newly designed cab top interior ladder and paint scheme Real rubber tires in rear Size 11 Lx6½ W x7¾ H Weight 4 lbs 5 oz
$25.00

No 219 Barge Wagon Size 12 Lx4¾ Wx3¾ H Weight 1 lb 7 oz
$6.25

No 1216 Four Bottom Plow Size 13 Lx5 Wx3½ H Weight 14 oz
$6.55



No 1217 Tandem Disc Size 10¾ Lx13¼ Wx 2¾ H Weight 1 lb 2 oz
$8.80



$10.54

No 217DO Case Steel Pickup features opening sun roof! Swing open tailgate running boards and chrome highlights throughout add to the look of this new number 1/16th scale Size 12½ Lx4 3/8 Wx 4 13/16 H Weight 1 lb 12 oz
$10.50

No 266DO Case Front Wheel Drive Assist Tractor is designed with same new contour and color scheme as the Case 2594 Tractor Re modeled cab top interior and ladder Real rubber tires in rear Size 11 Lx7 Wx8 H Weight 5 lbs 3 oz
$25.00

ONE ONLY - NOVEMBER SPECIAL!

Waiting For You!
NEW CASE MODEL 2590

180 HP, A Real Power House

Cab, Air, Heater, Power Shift, Double Remotes, 540 Cu. In. Diesel w/ Turbo 20.8x38 Rear Tires, 14.Lx16.1 Front Tires, Deluxe President Chair Seat, Ether Start Kit, Murphy Shutdown Kit

Reg. List Price $65,535.00

OUR DISCOUNTED SALE PRICE ONLY $40,690.00

And Pay No Interest, Make No Payments till After Sept. 1, 1985

OR Pay Cash w/Other Financing Plans To Fit Your Needs For Only $36,590.00

REMEMBER — ONE ONLY, Trade-Up Now!

Get The Highest Quality Available On The Market Today... SPECIAL OFFER ON A NEW CASE MODEL 2294 4WD, 130 HP

- Cab, Air, Heater
- 12 Speed Electronic Power Shift
- 540 Cu. In. Engine
- Ground Speed Radar
- 20.8x38 Rear Tires
- 16.9x28 Front Tires
- Dual Remotes
- 105 Amp Alternator

Serial #09934847

Remember...Front Wheel Power At Its Best!

List Price $65,806
CASH PRICE ONLY $39,870 With Reg. Rate Financing
TRADE-UP NOW!

SPECIAL OFFER FOR NOVEMBER ONLY!

NEW CASE DEMO MODEL 2090
108 HP Diesel Tractor w/Winter Comforts Of A Heated Cab

Also Equipped With: Air Conditioning, Power Shift, 20.8x38 Rear Tires, 11.00x16 Front Tires, 540-1000 PTO, Deluxe Seat, Ether Cold Start Block Heater

The BEST PART is The AFFORDABLE PRICE OF ONLY **$28,866.00** w/8.8% Financing Up To 4 Years
OR Waiver Till Sept. 1, 1985
OR PAY CASH And Buy For An Unbelievable Price Of ONLY **$25,950.00**
Serial #09925294

BRAND NEW SERIES 94 CASE MODEL 2094 110 HP DIESEL TRACTOR

Fender Model
ONE ONLY Serial #09933165

Equipped With:
20.8x38 Rear Tires, 11.00x16 Front Tires, Elec. Actuated Power Shift, Computerized Readout Dash, 540-1000 PTO. Ready For Hard Work!
List Price $41,948.00

SPECIAL CASH PRICE ONLY $24,900.00
With Regular Rate Financing Available
TRADE-UP NOW!

BINKLEY & HURST BROS., INC.

133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P.M.;
Sat 7 A.M - 11:30 A.M. Sun. Closed - Lord's Day

1 FARM EQUIPMENT

NEW EQUIPMENT

TRACTORS
JD 750
JD 2150
JD 2350
JD 2750
JD 4250 SG, PS
JD 4450 SG, PS, MFWD

COMBINES & HEADS
JD 643 Corn Head
JD 6620 Combine

OTHER EQUIPMENT
JD 1065 Wagon
Century 500 Gal. Sprayer
DeLaval Manure Pump
Humdigger D9 3 pt. Backhoe

HAY TOOLS
JD 1219 Mower Conditioner
JD 327, 337, 347W Balers
NH 316 & 320 Balers
NH 499 Mower Conditioner
NH 28 Blower
NH 489 Haybine
NH 38 Crop Chopper
NH 451 Mower
NH 256 & 258 Rakes

TILLAGE EQUIPMENT
JD 2800 5B Plow
JD 235 19'11" Disc
JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R
JD 8200 18x7, 21x7 Plain Drills

USED EQUIPMENT
Oliver 1800 Dsl. Tractor
IH 1066 Tractor
IH 966 Tractor
JD 2040
JD 3300 Combine
JD 237 Picker
JD 14' Grain Platform
AC 200 Tractor w/Cab
JD 716 Forage Wagon
NH 770 Forage Harvester
Gehl 600 Forage Harvester
NH 1 Row Snapper
JD 1240 Planter w/Dry Fert.
Pittsburg 4 Bottom Plow
Pittsburg 12' Disk Harrow
JD 8300 Soybean Drill 16x10
NH 791 Manure Spreader
AC K2 Combine
JD 244 Corn Head
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
JD 6 Row Max Emerge Planters -1 w/Liquid Fertilizer & 1 w/Dry Fertilizer

SPERRY NEW HOLLAND
WAIVER OF INTEREST ON MANY ITEMS
I. G. SALES
JOHN DEERE
DeLAVAL JAMESWAY
Silverdale, PA 18962
215-257-5135
Quonset Buildings

Sweigard Brothers
RD #3
Halifax, PA 17032
717-896-3414

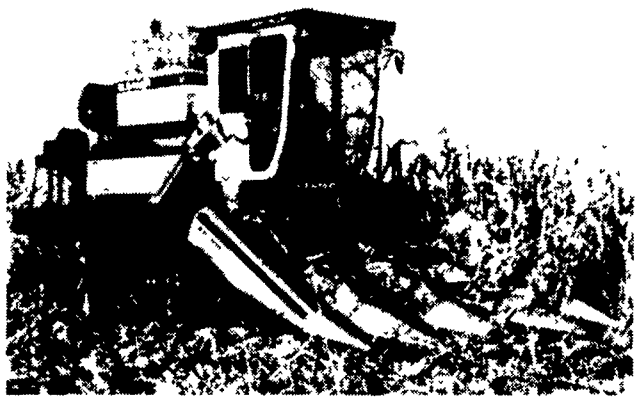
FORD TRACTORS
New TW 20 w/cab, 4WD, air
New 7710 w/Sycro. Trans.
New 6600
New 4610 SU
New 3910
New 2110
New 1910 w/Ag Tire
Used 140 5B 16" Auto Reset Plow, Ex. Cond.

SPERRY NEW HOLLAND
NEW HOLLAND
New Harvesters - 707, 782
New L35 gas, L325 gas skid loaders
New 358 Grinder Mixer
New 367 Tank Type Manure Spreader
Used 975 Combine w/11' head
Used 718 Harvester w/2 heads

AVCO NEW IDEA
NEW IDEA
NI 406 rake
Used NI 325 2 RN Gathering Unit w/329 Sheller, very good
NI 323 one row corn pickers
NI 3 pt. Hitch Fertz. Spreader

New Glencoe 12'9" Finishing Harrow
Glencoe Soil Saver Stretch 7 Shank
Glencoe Soil Saver 5 Shank
Amco Heavy Duty 12' Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head

USED AC COMBINES



AC N6 Combine w/1984 Updating Kit (Like New)

AC Models
G - M - C - N - L - F

These Combines are in Excellent Condition
IT WILL PAY YOU DIVIDENDS TO CALL US NOW!

NI 708 Uni-System, Hydro Drive w/717 Combine, Cornhead & Grainhead

TRACTORS

AC 7040D	AC 440	AC CA	JD 2010
AC 7045D	AC XT190D	AC 5040D	MF 65G
AC 7050D	AC 180D	AC 5050D	Case 1490
AC 7020D	AC 175D	IH 806	JD 450 Crawler
AC 7010D	AC D19D	IH 340	Case 450
AC 7000D	AC D14	IH 140	Oliver 1650D

SPECIAL SALE ON GT DRYER | **USED FORAGE HARVESTORS GEHL, I.H., N.H.**

bobcat
GRUMELLI FARM SERVICE
ALLIS-CHALMERS
Quarryville, Pa. 717-786-7318

USED EQUIPMENT

HAY EQUIPMENT
N.H. 469 Haybine
N.H. 479 Haybine (nice)
N.H. 489 Haybine
I.H. 1190 Haybine (1 yr. old)
N.H. 495 Haybine
J.D. SOLD Baler
N.I. 456 Round Baler

COMBINES
Gleaner KKS Combine (1976) w/10 ft. Grain Head
MF 300 Combine w/Cab & 10 ft. Grain Head
MF 300 Diesel w/10 Ft. Head And 2-Row Cornhead
AC 238 (2 Row) Corn Head
MF QT24 (2 Row) Corn Head
M.H. 82 Combine w/ 12 ft. Header

MISC.
N.H. 357 Grinder Mixer (nice)
N.H. 354 Grinder Mixer
Model 200 Automatic Roller Mill

FORAGE
N.H. #707 Forage Harvester w/Pickup & Corn Head
IH 650 Forage Harvester w/Pickup & 2 Row Wide Head
IH 550 Forage Harvester w/Heads
N.H. Super 23 Forage Blower
N.H. 880 R2 Cornhead
N.H. 880 N2 Cornhead
N.H. 770 R2 Cornhead
N.H. 890 W pickup
N.H. 890 N3 Cornheads
N.H. # SOLD il Chopper

CORNPICKERS
N.I. 324 SOLD Row Wide
N.I. 319 SOLD 2-Row Mtd. (Nice & Clean)
N.I. 323 1-Row Picker
Int. 234 2-Row Mtd. Picker

USED UNI EQUIPMENT
705D Uni Tractor Fully Wgted. w/Cab
702D Uni Tractor w/Cab
702 Gas Uni Tractor w/Cab
767 Uni Super Chopper
(2) 760 Uni Chopper
(4) 766 Uni Pickup Heads
763 3-Row Narrow Chopper Head
(2) 762-Uni (2 Row) Chopper Heads
724 (3 Row Wide) Stripper Head
717 Combine w/13 ft. Grain Head
729A Sheller
713S 13 ft. Flex Grain Head

MANURE SPREADERS
N.H. 519 Spreader w/2 Beaters
N.I. 218 Spreader w/Hyd. Endgate
N.I. 214/216 Spreader w/Flail Att. and Hyd. Endgate
Hawk Built 187 Tank Spreader
N.H. 518 Spreader w/2B

USED TRACTORS
AC 7020 P.S. w/Cab & Air
AC 180
AC 6080
I.H. 30 SOLD orque

JUST TRADED
New Idea 709 Uni Tractor
With Rear Wheel Assist

ITCO Dealer for ITCO Corp...Over 9,000 items At Discount Prices

ALLIS-CHALMERS
AVCO NEW IDEA
SPERRY NEW HOLLAND

SHARTLESVILLE FARM SERVICE
RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

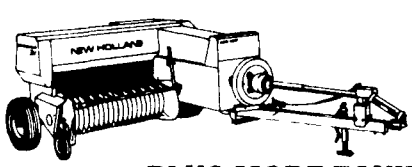
DEPENDABLE MOTOR CO.

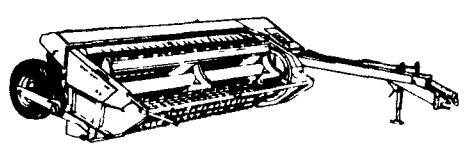
East Main St., Honey Brook, Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH 311 Engine Baler, Hitch & Chute, Steel	$8700
NH 311, 3 Point, PTO Baler, Hitch and Chute	$7120
NH 256 Steel Tine Rake	$2145
NH 256 Rubber Tine Rake	$2300
NH 258 Steel Tine Rake	$2750
NH 499 Haybine	$15,900
NH 316 Baler w/70 Thrower	$10,950
NH 489 Haybine	$8500
NH 456 Mower	$2470
NH 718 Harvester (Demo)	
NH 782 Harvester, Metal Detector (Demo)	
NH 30 Blower	$2865
NH 28 Blower	$2915
NH 770W Pickup Head	$1925
NH 8 Forage Box, 3 Btr. and Roof w/234 Wagon and 13:50 Tires, Adjustable Tongue	$6875
NH 355 Grinder Mixer, Hydraulic Drive	$7430
NH 425 Skid Loader 60" Bucket, 10:50 Tires	$12,675

ONE ONLY





PLUS MORE EQUIPMENT IN STOCK - CALL TODAY

• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY EQUIPMENT TILL JULY 1, 1985 & FORAGE EQUIPMENT TILL SEPT. 1, 1985 OR SPREADERS AND GRINDERS TILL OCT. 1, 1984 OR CASH REBATE

SPERRY NEW HOLLAND

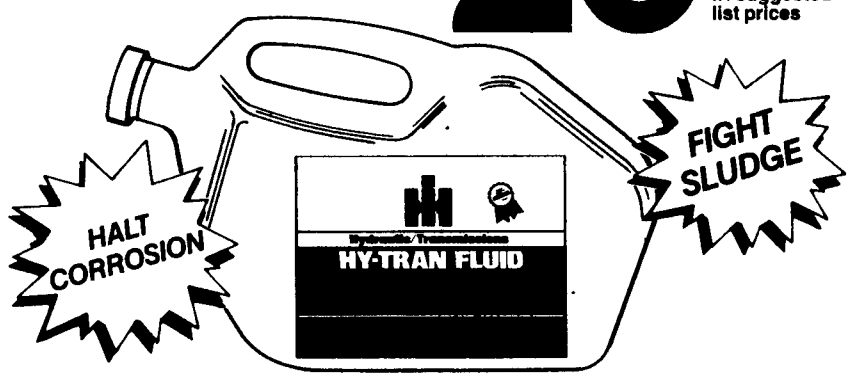
DEPENDABLE IS MORE THAN OUR NAME

PARTS VALUE OF THE MONTH

Treat your transmission to International® Hy-Tran®

SAVE UP TO 20%

off regular IH suggested list prices



CHECK THESE ADVANTAGES

- Does not lose super lubricating ability under extreme load conditions.
- Absorbs water to prevent rust, corrosion.
- Keeps transmission and hydraulic system free of sludge.
- Prolongs transmission life.

INTERNATIONAL HARVESTER

SALE PRICES

5 Quart Size **$6.80**

5 Gal. Pail $26.35
55 Gal. Drum $254.00

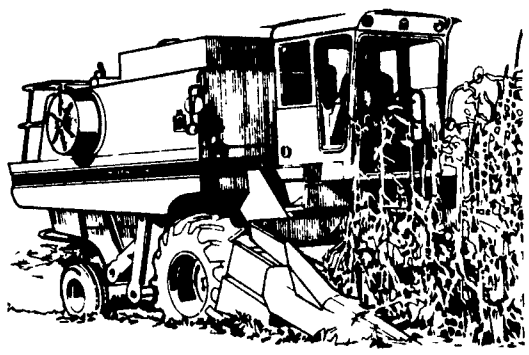
Happy Thanksgiving To All Our Customers & Friends

LUBRITECTION DAYS

PARTSMART

INTERNATIONAL HARVESTER

We Ship Parts UPS, Parcel Post-Same Day! Call For Stock Items



(2) 1420 COMBINES
• 1 Demo Available

(1) 1460 COMBINE IN STOCK

WAIVER OF FINANCE TILL 9/1/85 or Cash Rebate

Also Available...

820 13' Platform
943 Cornhead (DEMO.)
810 13' Platform
963 Cornhead (old Price)

IH "MAKE'EM RED"
COMPANY DISCOUNT UP TO 15%
.Now Thru December 31st

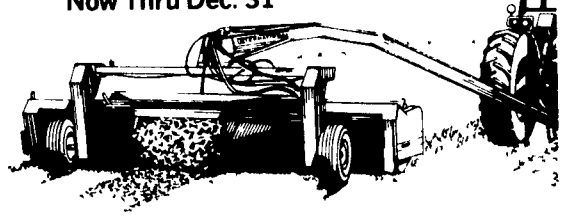
TILLAGE EQUIP. IN STOCK!
• Waiver to 3/1/85

496 Flex Wing Disk, 22'2", 7½ Spacing, Cushion Gang
496 Flex Wing Disk, 22'9" Spacing, Cushion Gang
496 Flex Wing Disk, 18'7", 7½" Spacing, Cushion Gang
6511 Consertil Demo., Available
6514 Consertil—In Stock
735 6-Bottom Plow-Old Price
145 4-Bottom Rollover Plow, Auto Reset
145 3-Bottom Rollover Plow, Auto Reset
415 Packer Mulchers, 12'2, 13'2, 14'2 & 21' In Stock
No. 10 Subsoiler, 3 & 5 Shank
No. 14 Subsoiler, Auto Reset, 5 Shanks
IH 4600 Hyd. Folding 26' Field Cultivator-Demo Avail.

"MAKE'EM RED" 10% DISCOUNT ON ALL TILLAGE EQUIPMENT IN STOCK TIL DEC. 31st

INTERNATIONAL HARVESTER

"MAKE'EM RED" 10% DISCOUNT
Now Thru Dec. 31



1490 MOWER CONDITIONER IN STOCK!

12 Ft. Cut with 9 Ft. Conditioning Rollers
★ Call For A Free Demonstration ★

★ WAIVER TIL 6/1/85

"MAKE 'EM RED" Allowance Up To 20% Company Discount On Selected Equipment

INTERNATIONAL HARVESTER

WAIVERS, CASH REBATES or LOW RATE FINANCING AVAILABLE!

New & Used Tractors	Til 6/1/85
New & Used Combines, Headers And Cornheads	Til 9/1/85
New or Used Planting And Cultivating	Til 5/1/85
New or Used Soil Preparation	Til 3/1/85
New or Used Hay & Forage	Til 6/1/85
New or Used Materials Handling	Til 3/1/85

CALL NOW FOR OUR SPECIAL PRICES!

- 884 Row Crop
- IH 4600 Hyd. Folding 26' Field Culti. Transport w/13'9-Demo Avail.
- 15 Rear Blade, 3 pt.
- 5500 11 Ft. Mounted Chisel (Demo.)
- 735 6-Btm. Vari-Width-8%
- 1350 Grinder Mixer-Special Price!
- 881 For. Harv. w/Heads
- 781 For Harv. w/Heads
- 595 Spreader
- 560 SOLD der
- 183 4-Row Cultivator-Narrow & Wide Available
- 963 Cornhead—Old Price!
- IH 3450 Round Baler (DEMO.)
- 35 Hyd. Drive Hay Rake
- 375 10 Ton Tandem Wgn Gear
- 1460 Combine In Stock
- (2) IH 1420 Combines - Demo. Allowance Available
- 810 13 Ft. Header
- 16x7 Plain Drill
- 18x7 Plain Drill

ALLOWANCES ON SELECTED TRACTORS UP TO 20%

★ IH 884 R/C-Rental Unit
★ IH 784 & 684 R/C
★ IH 3088
★ IH 3688 w/Cab
★ IH 5288-Rental Demo-Special!
★ IH 5088 w/18.4x38 Duals
★ IH 5088 w/20.8x38 Radials

MUST SELL Too Cheap To Quote!

IH 6788 TRACTOR
4 Wheel Drive, 160 + HP, 18.4x38 Duals...
20% DISCOUNT

USED EQUIPMENT

TRACTORS: (Waiver til 6/1/85
(2) IH Farmall "C"
IH 674 Diesel
Farmall Super C w/Fast Hitch & Cult.
Farmall MTA
Farmall 300
Farmall 400
Int. F12 w/cult.
IH 450 Gas, wide Front — $1950
IH 404 Low Utility, 3 pt. Hitch, w/Mott Mower & Snowblade
MF 33 w/3 pt. Hitch
IH 240 w/Fast Hitch
JD "B", Hand Start, Lift with 1-Bot. Plow & Disk — good shape!—$1,850

MISCELLANEOUS:
New FMC DO-10E 200 S, Electric Start, Pull Type or Skid Mount Sprayer, 200 Gal. Stainless Steel Tank w/10 GPM Pump — $3,150
McCurdy 20' Trailing Harrogator — $1,300
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor — $750
IH 80 Snowblower, Like New!
(4) Cushman Golf Carts — $250 ea., in running cond.; Also 2 for parts, not running, $150 ea.
New Midwest 9' Grain Body For Truck, — $1,350!
Athens 15' Bat Wing Mower (In Stock)
Melroe No. 600 Rock Picker
ROSCO 1 to 1½-Ton Roller, 7 HP B&S Engine, Nice Shape — $2,000

MATERIALS HANDLING: Waiver Til 3/1/85
Front Mtd. Forklift for 20 Series JD Tractor
Farmhand Loader for IH 74 Series Tractor
MF 711 Skid Loader w/Bucket
IH 2000 Loader, Less Bucket, Mount for IH 275

COMBINES: Waiver to 9/1/85
715 Diesel Hydro, Air Cond., w/13' Floating Cutter Bar and 744 Cornhead
AC Model C2, 12' Hd., 4-Row Wide - Rough Cond. - ~~$2,000~~ Now $1,500
AC FKS Diesel 4-Row Narrow Cornhead, 13' Platform, Nice Shape!
MF Model 300 Gas, 2-Row Hd., & Platform - Rough Cond. — ~~$1,200~~ Now $900
810 13' Cutter Bar, Like New
IH 430 WN 30" Cornhead for 503 Combine, Excell. Shape
IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 227 Cornhead, fits 315, 205 or 203
NI 324 2-Row Pull Type, Big Husking Bed, Nice Shape
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

IH PARTS COMBINES:
IH 315 Hydro & Plat.
IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd. & 12 Ft. Plat.
IH 227 Cornhead

PLANTERS: Waiver Til 5/1/85
JD 1250, 6-Row, Dry Fert., Nice Shape!
IH 2-Row Fast Hitch
IH 2-Row Trailing
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump — Nice!
JD Van Brunt 13x7
JD 15x7 Drill, DD, Comb.
IH Fast Hitch, 2 Row Cult., Like New
IH 200, 3 pt. Hitch, 2 Row Cult., Like New

TILLAGE: Waiver Til 3/1/85
Athens 11 Ft. Chisel Plow, 3 pt. Hitch
Brillion 16' Single Packer, Like New
(2) Brillion 6 ft. Single Packers
Pittsburg 11'6" Disk
JD KBA Disk, 9' — $750
JD KBA 12' Disk
IH 37, 35 In Various Sizes
Oliver 4-Bot. Semi-Mtd. Plow
IH 440 4-Bot. Plow
IH 540 4-Bottom Semi Mtd. Plow
IH 12 Ft. Offset
IH 645 Vibra Chisel, 13½', Trailing
IH 45 Vibra Cult., 12½', Trailing - $1,250
IH 45 Vibra Cult., 13½' Folding
AC 1-Bot. Trailing Plow
Vicon 10' Power Harrow — Was $2,500 — Now $1,800

HAY & FORAGE: Waiver Til 6/1/85
IH No. 51 Forage Wagon
NH No. 26 Blower
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper
NH 36 Crop Chopper
(2) NH No. 6 Crop Carrier Forage Wagons - good shape!
1014 Hesston Mower Cond.
NH 269 Baler w/o Thrower
IH 420 Baler w/o Thrower
IH 440 Wire Baler w/Thrower
(2) IH No. 10 Bale Throwers
Grove Bale Wagon
5026 Elec. Wheel, 8 ton Gears
IH Direct Cut Head For 15 or 16 Chopper
IH No. 14 Rake
Int. 56 Blower, Rebuilt

OUTDOOR POWER EQUIP.
IH 72 Cadet w/Mower
IH 184 w/60" Mower
Cub Cadet 129—Mechanic's Special
(2) Cub Cadet 108's w/Mowers
Cub Cadet 106
Cub Cadet 127
(2) Cub Cadet 105's w/mowers
Farmall Cub w/60" Mower
MF 340 Snowmobile, Good Shape — $750

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★ DeLaval ★ Sprayer Parts headquarters ★ FMC Bean
★ Roskamp Roller Mills ★ Northwestern Skid Loaders ★ Brouwer Turf Equip.
★ Deutsch-Fahr Tedders In Stock ★ Woods ★ Grasshopper Mowers
★ Vicon Spreaders ★ Trailblazer Foam Markers ★ Myers Forage Wagons

1 FARM EQUIPMENT

FOR SALE

MF 265
MF 165
Int. 1566
200 Bushel Gravity Bin w/8 ton running gear
Brady 12' Field Cultivator
MF 1135 w/duals, cab & air
MF 1155 w/cab & air
IH 3200 Skid Loader
Bushhog 12' Chisel plow
NI 218 Manure Spreader
MF 43 corn head
MF 321 corn head

L & M BURKHOLDER
Ephrata, PA.
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717-859-2712

USED EQUIPMENT

1200 massey w/42" Mower
12 Hp. Bolens w/Mower, Tiller, Snow Blower
71 Cub Cadet w/38" Mower
125 Cub Cadet w/48" Mower
2416 Economy Tractor
42" Snow Blower For Wide Frame Cub Cadet
36" Snow Blower For Narrow Frame Cub Cadet
42" Snow Blower For Narrow Frame Cub Cadet
5 Hp Trac Vac Vacuum Unit w/Trailer

NEW LEFTOVER CUB CADETS

MARTIN HARDWARE & EQUIPMENT CO. INC.
Rt 501 1½ Miles South of Schaefferstown PA
PHONE (717) 949-6817
OPEN Mon Fri 8 8 Wed 8 12 Sat 8 5

Dismantling Combines for parts over 300 all makes and models. Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 915D, 203, 303, 403, 503, 205, 315 & 815, NH 985, JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L, G & K. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI UNI-702, NI Uni - 705D, combine & shellers, Case 800 & 660, 600, MM 5297, Ford 622, JD 6600, Combines Straw Choppers for most makes & models, $100 & up.

COMBINES

Massey 300 w/grain w/3 row 30" & 2 row 38" corn head
AC 60 pull type, nice
IH 80 pull type Auger feed
915 Diesel w/4 row 38" 6 row 30" & grain, $13,500
JD 6600 Gas w/grain head $10,500
Massey 72 w/10' grain & 2 row, cab & P/S
Massey 300 quick tach, cab, grain & 2 row corn
Massey 92 w/12' grain & P/S
Int. 315 hydro cab and grain, 2 row corn
Gleaner C-2 diesel w/cab & grain and 4 row corn
IH 205 w/cab & 10 ft. Grain Corn Head
AC Gleaner G w/4 row corn, $6,950
Gleaner E 10' Grain 2 row 38" or 3 row 30"
Gleaner A w/grain head $2,000
Gleaner E3 cab, grain & 3 row 30"
IH 1 SOLD grain
IH 503 Diesel, cab and grain & corn head $5500
E Gleaner, cab & 10' head, $3000
JD 4400, cab & head
C2 Gleaner w/2 heads
JD 6 SOLD ab & grain head, $11,500
JD 6600 Diesel w/grain head, $9500
JD 4400 Diesel w/grain head, $10,500
Gleaner M Diesel w/grain head & 4 row corn head, $12,500
IH 80 7' pull type auger feed, $875

TRACTORS

IH 1256 3 pt., wide front, $6500
2 Farmall H w/hyd. from $700 to $875
MF 2745 cab duals, 1200 hrs., $15,500
Case 1370, 165 HP, as is $6500
AC crawler w/blade, $1275
Case VAC pully & Hyd.
2 Massey 101 Tractors
AC Model C w/cultivator & plow

CORN HEADS

Gleaner K 10' grain head. Black reel & auger, like new
MF 2 row 38" fits 300, QT, $750
(2)-Gleaner C2 4 row, 38" $775 each
(2) IH 744 4 row 38" corn heads
Gleaner K2 row corn head
IH 227 corn head
IH 733 3 row, 30" off of 815
MF 3 row 30" for a 300 or 410
JD 4 row 30" fits 95, $1500
JD 6 row 30" fits 105, $1175
IH 3 row 30" fits 615, $1500
IH 2 row 38" fits 615, $775
MF 2 row 38" fits 300, $500

PICKERS

Farmall M w/NI mtd. picker, $1500
Farmall SOLD w/IH 2 MH picker
NI 323 SOLD $2,500
NI 300 2 row pull, $875
MM picker, 1 row, $350
NI #10 picker, $650

MISC.

NH 354 Grinder mixer, real clean, $3500
Flat wagon w/NH Gravity box, $700
3 axle 30' trailer to haul round bales $875
AC 14' wheel disc $1275
Trailer type chisel plow $400
NI 213 3 beater spreader
NH 33 Flail Chopper $550
NH tank spreader $475
IH 8 ft. Wheel Disc
NI 12' flail mower
JD 1450 6 btm-16" plow, real nice, $1750
1 & 2 row corn pickers
All steel farm dump trailer holds about 500 Bu-of corn
NI 213 spreader w/new drag chain & sides, $1275
Hawk Bilt tank spreader, $575
Corn & grain heads, IH 12' off 815 combine
JD 40 8' grain head
AC 3 row 30" for E&K
Ford loader, hyd. bucket & pump. Fits 8N or 9N
Horn 2R stalk beater

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH 560 D, IH 660 D, IH F 14, 806, 1256, 340, F30, F-20 A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60, 3010 D. AC WD, WC, D17. Oliver 70 & 77, 88, 60. Ford 8N, Ford 6000D. Case 300, SC & V.A.C., DC. AC "B", AC 180, AC 190, AC C, CA, MF 1155, Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.

Dismantling 50 pickers for parts
POSITIVELY NO OUT OF STATE PERSONAL CHECKS

KEITER'S FARM MACHINERY
R.D. #1 Halifax, PA 17032 Rt. 225
20 mi. north of Hbg.
Phone: 717-362-9574

B&R FARM EQUIPMENT

NEW EQUIPMENT

AC 2500 Disc 10 ft. 10 in.
AC 8010 PS w/20.8x38 Radials
(2) AC 6080 2 WD
AC 16 ft. S-Tine Field Cultivator
AC 6070 FWD
AC 6080 2 WD w/Cab
AC 8030 FWD
AC 1200 15½ Ft. Field Cultivator
AC 1200 16½ ft. S-Tine Field Cultivator
AC 1500 Min-Till
AC F3 Combine w/Floating Cutting Bar
NH TD 50 Disk w/$1500 Factory Rebate

USED TRACTORS

AC 175 Diesel
IH 986 Diesel w/cab
MF 1135 Diesel w/cab, heat & air
AC 7040 w/Cab, Heater & Air

USED HAY & FORAGE EQUIPMENT

2 NH 717 Forage Harvesters
JD Tank Spreader
Gehl 300 Forage Harvester
Gehl 600 Forage Harvester
IH 555 Forage Harvester w/2 Heads
NH No. 7 Forage Wagon w/new running gear
NI Rake
NH 77 Baler w/ Motor Thrower
JD 24T Baler w/ Kicker
NH 268 Baler
NH 269 Baler
(2) IH Balers w/Throwers
Lely 4 Wheel Rake
JD 14A Crop Chopper

SPREADERS

NH 518 2 Beater
NH 513 2 Beater w/Hyd. Endgate

MISCELLANEOUS

AC 460 Loader w/2 Buckets (Will fit AC 6060 or 6080 Tractor)

RD 1 Beavertown, Pa. 17813
717-658-8175
717-658-8185

NEW TRACTORS

JD 2440 Dsl.	Call For Prices
JD 2750 Dsl. TSS w/hi-lo	
JD 4250	

NEW MACHINERY

JD 466 & 450 Spreaders	
JD 215 Disc Harrows	
JD 315 13' Disc	
JD 660 Rakes w/rubber teeth	
JD 3940 Fg Harvester	
JD 2600 5Bx18" Plow	
JD 1250 Plow 4Bx16"	$2450.95
JD 2700 6Bx18" Plow	
JD 16x10 FF Drill	$4,000
JD 21x7 Drill	
JD 327 Baler w/ejector	
JD 27 Flail Shredder	
JD 965, 1065, 1075 & 1275 Running Gears	

Century sprayer ground driven 500 gal.
Little Giant Elevator 38' w/hood & down spout

USED MACHINERY

1-IHC 830 Fg. Harv. 1981 model, PU & 2 R.C. H	$9,500
1981 White Combine 7300 w/704N 4 Row Corn Head	$22,500
JD 4400 Combine 1977 Model, Motor Completely overhauled, JD 443 Corn Head & JD 213 Platform	
JD A Tractor	$1,050
JD B Tractor	$1,200
JD 50 Tractor	
JD 435 WR Corn Head	$2,500
9N Ford Trac.	

WALTER'S SALES & SERVICE, INC.
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JD Agricultural Dealer and CP

CASE 2094 "DEMO"

110 H.P. Power Shift
Cab - Air
20.8x38 - 8 Ply Tires
15 Weights

NOVEMBER SPECIAL

With 8.8% FINANCING - $32,000
OR
FOR CASH DEAL DEDUCT $2900.00

USED EQUIPMENT SPECIALS

- NI 323 1 Row Corn Pickers . . . . . $2200 ~~$2700~~ - ~~$3800~~
- NI 325 2 Row Corn Pickers . . . . . $5000 ~~$5900~~

10% Financing on Used Ag Tractors

USED EQUIPMENT

TRACTORS

Ford Jubilee
White 4-150
Ford 3000
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd. 20.8x38
Case 2090 Cab
Agri Power 9000
JD 50
JD 4440
JD 3010
Case 1390

FORAGE

Gehl 99 Blower
Gehl 910 box/roof
Grove box
JD 3800 Harvester
Gehl RC 800 Recutter
IH 51 Forage Box
Fox 300 Harvester

INDUSTRIAL LOADERS & BACKHOES

Case 580B Backhoe
Case 480 Gas
Case 1737 Uniloader
Hough HFH
Ford 3500 Diesel
AC 640 Loader
Case 1835 Uniloader

MISCELLANEOUS

Martin 2000 Liquid
NI 404 Rake
JD 1240 4RN
2 Row Hershey Transplanter
2 Row 3 pt. Mechanical Transplanter
Wetmore 878 Grinder Mixer
Case 12' Field Cultivator
ArtsWay 420 Grinder-Mixer
JD 4 Bot. Plow
JD BWA Disk
OMC 217 Mower-Conditioner
Sauder Loader
13 ft. Chisel Plow

SPREADERS

NI 206
NI 213
NI 214
NI 218
NI 224
JD 54

NEW IDEA

325/314 Picker Sheller
323 Pickers
325/327 Pickers
702 G Power Unit
710 Combine
743 N Head
767 Harvester

A.L. HERR & BRO.
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case AVCO NEW IDEA GEHL Gets into your system. BUSH-HOG

TRIPLE H EQUIPMENT

Peach Bottom, Pa.
717-548-3775 or 717-548-2094

Vicon Vermeer

NEW VERMEER EQUIPMENT

(1) 605H Baler
(3) 504G Baler
(1) Hydraulic Drive Rock Picker
(2) 10' No-Til Grain Drill
(1) 23' Twin Rake
(1) 256 Bale Buster
JD Skid loader
Owatonna 540 Stack Hand

NEW VICON EQUIPMENT

(14) KM 321 Mower Conditioner 10' 6"
(2) KM 281 Mower Conditioner 9' 5"
(1) KM 240 Mower Conditioner 7' 10"
(4) CM 240 Mower 7' 10"
(3) RC 300 and 330 Tedder-Rake
(2) 16' Tedder
(3) Vicon Square Baler
(2) 600 lb. Spin Spreader
(2) Large Round Baler 1200 and 1500 lbs.
(2) Double V Rake
(4) Single 4 wheel Rake
(6) 100-500 gal. Sprayers w/elec. & manual controls

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Used Backhoes and Loaders

Int. 260-A backhoe
Ford 5500 backhoe
2 Ford 4500 backhoe
John Deere 400 backhoe (rebuilt engine)
Int. 2514 backhoe
2 Int. 3514 backhoes
Massey Ferguson 202 loader
Ford 9N loader
Melroe Bobcat 720 skid-steer loader
Int. 4150 skid steer loader
Int. 3300 skid steer loader
Int. 125E crawler-loader with new under-carriage

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Rebuilt Wisconsin Engines

AEN 9 hp w/clutch or reduction
THD 16.8 hp baler engine
VF4 25 hp w/clutch or reduction
VH4D 30 hp w/clutch or reduction
VH4D 30 hp for skid loaders
VG4D 37 hp w/clutch or reduction
VG4D 37 hp for haybine or skid loader

Guaranteed 1 Year

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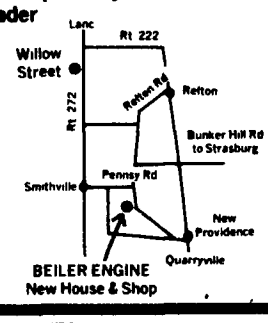
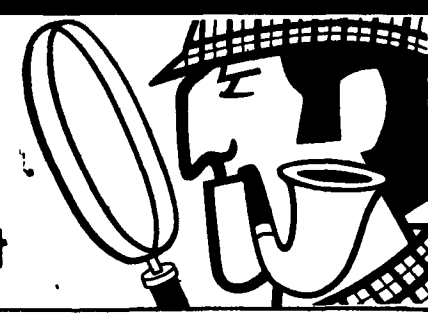
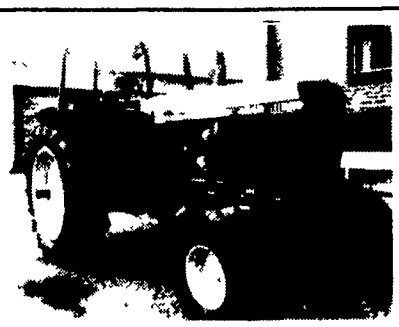


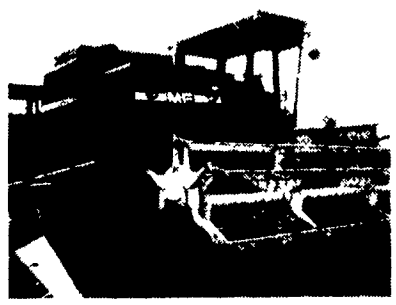
BARGAIN HUNTER SPECIALS

Track Down BIG BUYS On Used Equipment

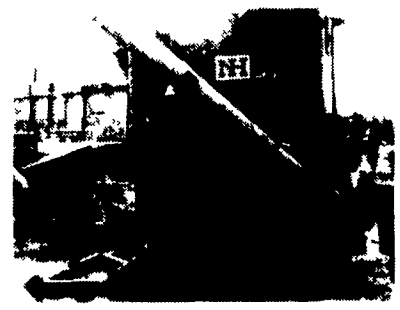




JD 4040 90 HP
Very Clean, Radials
$13,900⁰⁰

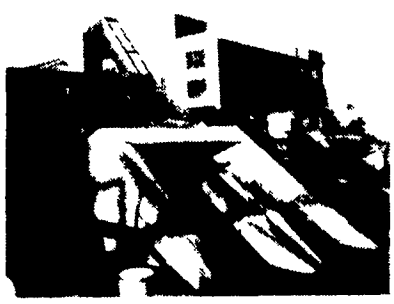


MF 540 Diesel
w/13 ft. Grain Platform and 4-Row Narrow or 4-Row Wide Heads Available

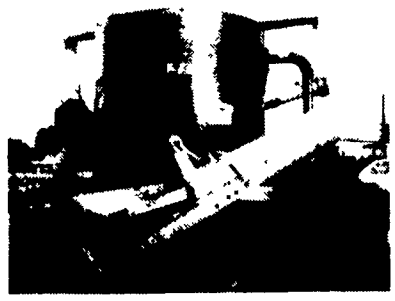


NH 351 Grinder Mixer
80 Bu. Tanks
16" Mill
$1,850⁰⁰

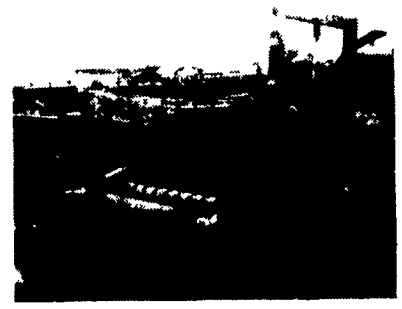
JD 4230
100 HP
$14,500⁰⁰



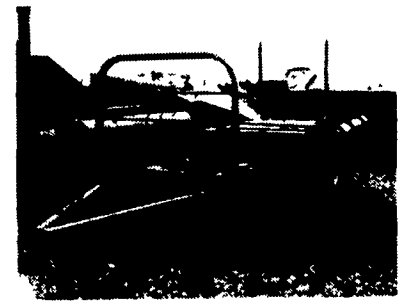
NI 325 2-Row
Narrow Corn Picker
w/327 Husking Bed
Call For Price



NH 357 Grinder Mixer
120 Bu. Tank
21" Mill
$4,000⁰⁰



Vermeer F100
Bale Loader
and Unroller
$1,650⁰⁰



Kerry Sidewinder
Bale Mower,
Unroller
$850⁰⁰

TRACTORS

JD 3140 80 HP with Sound Gard Body 1674 Hours $15,000.00
JD 2130 65 HP with Hydraulic Front Wheel Drive $8250 00
JD 4230 100 HP Row Crop Fenders Only $12,500.00
JD 1120 45 HP $5500 00
JD 2030 60 HP $7500.00
JD 2130 60 HP with Hydraulic Front Wheel Drive and Cab $7500 00
JD 4240 110 HP with Sound Gard Body Quad Range $20,000 00
MF 1155 140 HP $13,500 00
JD 2510 Gas 53 HP w/47 Loader $5800 00
JD 4040 Quad Range 90 HP Low Hours Sound Guard Body $21,500 00
JD 2140 Diesel 75 HP Turbo w/Cab $11,500 00
JD 2130 65 HP $7500 00
JD 3140 80 HP with Cab $14,000 00
JD 3130 80 HP $9500 00
IH 1066 125 HP w/new TA and Clutch $13,500 00

WAGONS & RUNNING GEAR

(2) Gehl BU910 Forage Box w/Gehl Running Gears Just Arrived
JD 1075 10 Ton $2000 00
Killbros 12 Ton Running Gear $1200 00

HARVESTERS & ATTACHMENTS

Papec 180 Harvester w/2R Wide Corn Head and Hay Pickup $2500 00
JD 38 Harvester $2450 00
JD 2 Row Narrow Corn Head $1200 00
JD 2 Row Wide Corn Head $450 00
NH 770N2 Corn Head $1000 00
NH 770N2 Corn Head $1200 00
NH 880R2 Corn Head $1200 00
NH 890 Harvester $4500 00
NH 880 Harvester $3450 00
NH 717R2 Corn Head $650 00
NH 707 3 pt Harvester $2050 00
NH 717R2 Corn Head $750 00
NH 822 Corn Head $2000 00
NH 880R2 Corn Head $1300 00
Fox 728 2 Row Corn Head $500 00
NH 822 Corn Head $2200 00
NH 880N3 Corn Head $1250 00
NH 822 Corn Head $1600 00
NH 707 3 pt Harvester $1500 00
NH 718 Harvester $3750 00
NH 890 Harvester $4500 00
NH 880 R2 Corn Head $1200 00
NH 919N3 Corn Head $5150 00
NH 737 Direct Cut Grass Head $350 00
NH S717 Harvester $2650 00
NH 892 Harvester Just Arrived w/New Knives
JD 5440 Harvester w/3R Narrow Corn Head 4WD

BLADES & LOADERS

Front Blade for 8N Ford $525 00
Sander Loader with 2 Buckets and Manure Fork $1100 00

COMBINES & ATTACHMENTS

NH 960 13 Ft Grain Platform $2850 00
NH 960 13 Ft Grain Platform $3600 00
NH 962N6 Corn Head $9500 00
NH 962N4 Corn Head $4600 00
NH 975 Combine $6500 00
NI 710 Uni System Combine with 711 Grain Platform $3500 00

GRINDER MIXERS

IH 1150 105 Bu Tank 20 Mill $3850 00

FORAGE BLOWERS

JD 66 - $1500.00
JD 6500 - $1250 00
JD 65 $800 00
KB 54 Kools $1250 00

PLANTERS & DRILLS

MF 468 Corn Planter 4 Row $850 00
JD 1240 Plateless Planter $1700 00
IH 56 Corn Planter $1350 00
JD 18x7 Grain Drill $2100 00
IH 400 Corn Planter 6 RN $3500 00
IH 86 Planter 5 Row $1250 00
JD 7000 6 Row Planter $7700 00
JD 7000 Conservation 6 Row $7500 00
JD 7000 4 Row Planter $5950 00

SPREADERS

Pequea Spreader $2250 00
NH S676 Spreader $300 00
Fertilizer Spin Spreader $350 00
NH 516T Spreader $1500 00

BALERS

NH 78 Baler w/51 Bale Thrower $1200 00
NH 275 Baler w/53A Bale Thrower $3250 00
Massey 12 Baler w/22 Thrower $950 00
NH 271 Engine Baler $2000 00
NH 273 Engine Baler $3850 00
JD 24T Baler $1500 00
NH 275 Engine Baler $3400 00
NH 275 Baler w/53A Thrower $3250 00
NH 269 Engine Baler $3300 00
JD 336 Baler $3500 00

MOWERS & MOWER CONDITIONERS

JD 25A Flail Mower $1200 00
NH 469 Haybine $1800 00
NH 495 Mower Conditioner 12 Ft $5000 00
NH 479 Haybine 9 Ft Very Nice Coming Soon
NH 495 Mower Conditioner 12 Ft w/End Transport Kit $7600 00
Massey 81 Mower Conditioner 9 Ft $1450 00
NH 451 Mower 3 pt 7 Ft $1050 00
NH 1469 Self Propelled 9 Ft Ford Gas $6500 00
NH 1469 Self Propelled 9 Ft Wisconsin Gas $6250 00
NH 469 Haybine $2200 00
JD 350 3 Point 7 Ft Sicklebar Mower $1350 00

CORN PICKERS

NI 324 Picker w/327 Husker $3000 00
NI 325 Picker Sheller 2 Row Narrow $3800 00
IH 1 PR 1 Row $1000 00
NI 311 2 Row w/313 Husker $4800 00
NI 323 Corn Picker 1 Row $4250 00

SPRAYERS & SPRAY BOOMS

Hardi 33 Ft Self Leveling Spray Boom (New) $650 00

SKID STEER LOADERS

IH 4140 40 HP Diesel $6850 00
NH L 775 50 HP Diesel $20,000 00
Owatonna 1700 Diesel $4600 00
NH L 775 50 HP Diesel $17,000 00

TILLAGE

JD 45 2 Bottom Plow 14' Demo $975 00
JD 4 Bottom Plow $695 00
Glencoe SSP-7 Soil Saver $3450 00
IH 55 Chisel Plow 10 Tooth Pull type with leveler $1775 00
Pittsburg 2 Bottom Trip 16' Plow $595 00
JD 1 Bottom Trailer Plow $135 00
JD 1 Bottom Plow for M Tractor $125 00
Oliver 4 Bottom Trip Plow Can Convert to 3 Bottom 14 Bottom $695 00
MF 520 Disk Harrow 14 Ft $3850 00
JD 10 Ft Field Cultivator $850 00
Case 3 Bottom Plow $450 00

RAKES & TEDDERS

IH 14 Rake $1050 00

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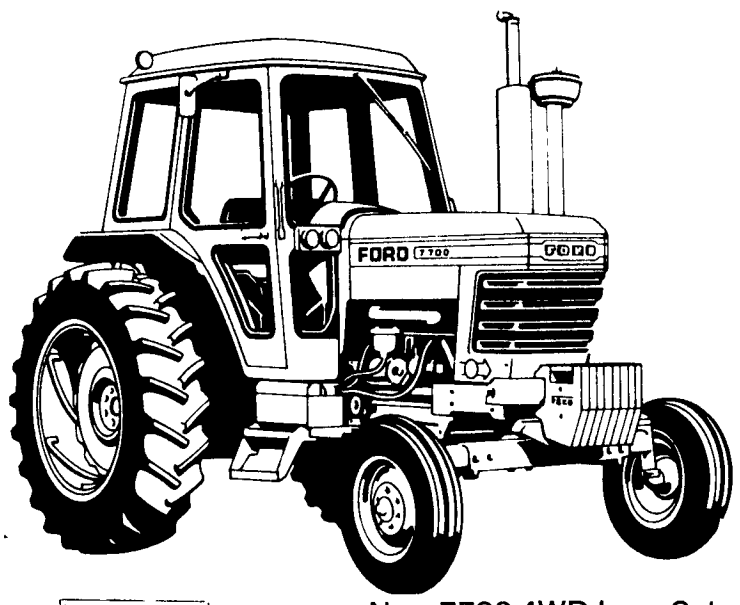

New 7700 4WD Less Cab

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Phone: 717-386-5945

USED TRACTORS

JD 4430 cab, air, Quad range sharp
JD 4430, power shift, roll guard
JD 4320, w/cab
JD 4230 cab, air, Quad range
JD 4520 w/cab & duals
JD 4020, power shift
JD 4020 Syncro w/cab
JD 2840 w/cab
JD 2640
JD 2240
JD 2020 diesel
JD 2510
JD 3020 Diesel, Syncro
JD 950 1000 hrs.
Int. 1086 cab & air
Int. 986 cab & air
Int. 886 cab & air
Int. 1066 w/cab
IH 966
IH 1026 hydro
IH 766 w/cab
IH 656 wide front
IH 404 w/Power Steering
Large Selection of Farmall Cubs
Ford 535 w/loader 1,000 hrs.
Ford 5000
Ford 4000
Ford 3000 Diesel Sharp
Ford 2600
Ford 2000
Ford 850
AC 7030
AC XT 190 w/cab
AC 210 diesel
MF 1105
David Brown 1200 w/loader
MF 135 diesel w/loader

GRINDERS & MIXERS

Gehl 120
Gehl 95
Gehl 65
IH 1150

USED COMBINES

NI 702 tractor w/710 combine
NI 702 w/chopper & 3 row head
JD 4400, 1979 model, sharp
JD 6600 diesel
JD 4 SOLD gas
MF 410 hydro.
444 JD corn heads
643 JD SOLD corn heads

USED PLANTERS

JD 7000 4 row liquid fertilizer
JD 7000 4 row Dry fertilizer

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head
Fox 2000
Fox Custom 90

MISCELLANEOUS

JD pow SOLD grain drill
Int. 510 grain drill
JD 7 btm., on land hitch, hydraulic reset plow
JD 30 ft. Implement Trailer
Large selection of smaller discs
NI 2 row narrow picker
Brillion 10' seeder
Large selection of plows from 3 to 7 bottom
JD 1207 haybine
New Farmhand loaders for IH and JD tractors
NI 2 row wide pull type corn picker w/12 roll husking bed, excellent
NI 31 SOLD ker
NI 323 picker
Brillion 15' roller harrow, like new
New & Used rotary hoe's
Gehl 1500 Round Baler
JD tractor loader backhoe, excellent condition

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IH 656 Tractor
Disk Harrows
Grain Drills
(2) IH 584
M&W No-Till 14 ft. Drill
IH 186 Hydro
4 Bt. 3 Pt. Hitch Plow
4 Bt. 2 Pt. Hitch Plow
Used Combines
AC 7000

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"Starvin' Marvin's" SUPER DEALS

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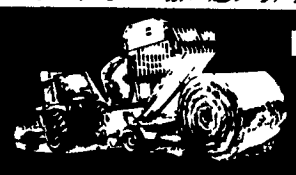
On Most Items

IH 3688 110 h p , Cab, Air, '84 Model	$33,500
IH 884 73 h p , Row Crop, 15 5x38 R Tires, 2 Valves	$19,000
IH 684 4 Wheel Drive, 63 h p., T A	$20,000
IH 684 Low Profile, T.A , Orchard Special	$16,700
IH 584 52 h.p., Utility, 2 Valves	$14,000
IH 881 H.D Harvester w 2 Row Corn Head, Grass Head	$15,800



IH 2400 Hi Capacity Round Baler

$7,800 Cash

Make full 6' dia. bale up to 1500 lbs.
Ejects the bale clear of the rear gate.

IH #10 Flail Chopper	$5,250
IH 595 Tandem Manure Spreader, Hyd Endgate 451 Cubic Ft Capacity	$8,250
IH 560 Manure Spreader, 255 Bushel Capacity	$5,350
IH 530 Manure Spreader, 145 Bushel Capacity	$3,250
IH 720 5-18 Reset Plow, No Trade Price	$7,300
IH 5100 18x7 Plain Grain Drill, Double Disc, Grass Seed	$4,750
IH 5100 16x7 Plain Grain Drill, Double Disc, Grass Seed	$4,250
IH 5500 7' Hi-Clearance Chisel Plow	$1,700
IH 4500 12' Vibra Shank Field Cultivator	$2,350
Landoll Soil Master, 7' Tillage System	$5,250

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On Some Items

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IH 886 Tractor, w/roll frame, 38" rear tires, develops 90 h.p. $15,500

David Brown 1200, 65 h p , 1 owner, low hrs
IH 1256 20 8x38 Tires, local Tractor Clean 116 h p
Int Hydro 84 Tractor, 300 Hrs Sold New in 82
Farmall 504 Gas, Wide Front End
IH H Farmall 51 Model w Loader
IH 350 Farmall, Diesel 3 pt Hitch
IH 656 Farmall Gas Rebuilt Engine Excellent
Fox 3000 Harvester w 2 Row Head
IH 2 Row Cultivator for F230 240
Papec Forage Blower
IH 56 Blower Late Model
500 Gal Walsh Trailer Boom Sprayer
NH 880 Harvester w Corn Head
JD 54 Manure Spreader w Hyd Endgate
(2) IH 56 4 Row Planters
JD 345 4 16 Semi Mount Plow Hyd Reset Excellent
Tye 80' Pasture Pleaser Drill w fertilizer grass seed gauge whls seed firming whls 3 yrs old
IH 700 5 16 Semi Mount Auto Reset Plow, Can Convert To 4 Bottom Good Cond
IH 710 3 16 Semi Mount Auto Reset Plow
IH 37 Baler w Thrower 1 Owner Guar
IH 990 Mower Conditioners 9 Ft Cut
IH 400 6 Row Air Planter No Till Coulters New Double Disk Openers Insecticide
AC 4 Row Narrow Air Planter No Till Monitor Insecticide Markers
IH 400 4 Row Air Planter No Till Coulters Insecticide

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1 FARM EQUIPMENT

MF Massey Ferguson

TRACTORS & EQUIPMENT

R600 Mack Truck Tractor
MF 30B Tractor w/Loader & Cab
MF 40 Diesel Tractor w/Loader Backhoe
AC D17 Dsl Tractor
MF 50C Tractor w/Loader & Cab
Ford NAA Tractor
MF 760 Combine w/Attchs
IH 440 Baler
NH 320 Baler w/Thrower
NH 310 Baler
NH 273 Baler w/Thrower
NH 518 Manure Spreader
NH 213 Manure Spreader
MH 35 Combine

NEW M.F. EQUIPMENT

MF 285 Tractor
MF 240 Tractor
MF 1030 Tractor 4 WD
MF 1010 Tractor w/218 Mower
MF 20 Turf Tractor
MF 236 Loader
MF #43 2B Plow
MF 820 Disc Harrow
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades

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CORN PICKERS

NI 310 NI 323 7's NI 10

TRACTORS

IH 806 WF, Fast Hitch, Dual PTO, Hyd, New Paint
IH 656 WF, 3 Pt., Front Wheel Weights
IH 544 WF, 3 Pt., Hydro
IH 300 Fast Hitch, New TA
IH 3414 w/Loader
IH 340 w/Loader
Oliver 1850 WF, Dual PTO, Dual Hyd., New Tires
Oliver 1750 WF, Dual Hyd.
Oliver 1800 WF
JD 720 WF, 3 Pt., Hyd.
MF 50
Ford 340 Skid Steer Loader

INDUSTRIAL

IH 150 Crawler Loader
Oliver 55 Backhoe & Loader
MF 304 Backhoe & Loader
Ford 5500 Backhoe & Loader
JD 440 Dozer

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NEW EQUIPMENT IN STOCK

MF 1010 4 WD Tractor, 16 h.p.
MF 1144 Corn Head
MF 1020 4 WD Tractor, 21 h.p.
MF 218 5' Rear Mount Mower
MF 222 5' Rear Mount Blade

USED EQUIPMENT

MF 510 Combine
MF 750 Combine w/1163 Corn Head
1977 MF 760 Combine w/6 Row Corn Head & 16' Table
Int. 105 Combine w/13' Table
MF 2, 4 & 6 Row Corn Head
MF 222 Corn Head
NI 325 2 Row Picker Sheller
MF 165 Tractor 1973
MF 285 Tractor w/Cab
Ford 1500 Tractor, 4 WD
1973 Ford 4000 Tractor
Allis Chalmers D14 Tractor w/3 Btm. Plows

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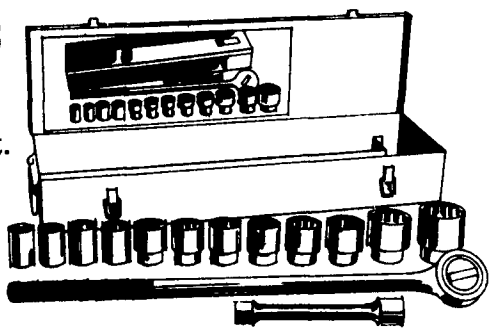
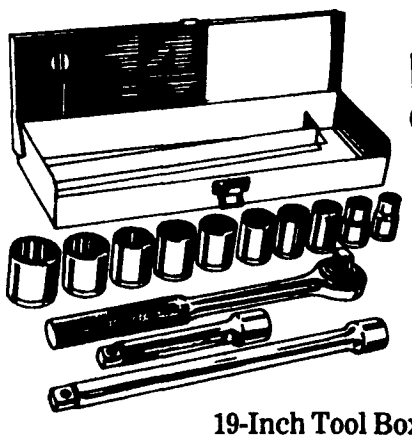
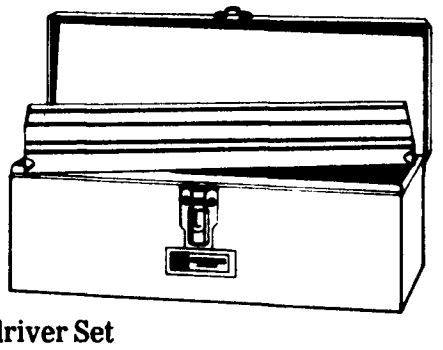
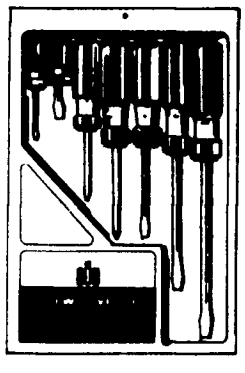




14-Piece ½" Drive Socket Set.

19-Inch Tool Box





7-Piece Screwdriver Set

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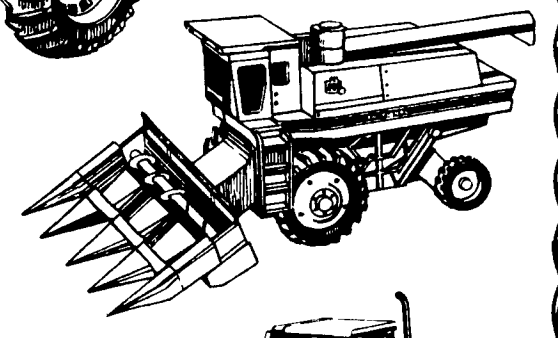

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All-Wheel Drive Tractor

Miniature 5088 Tractor

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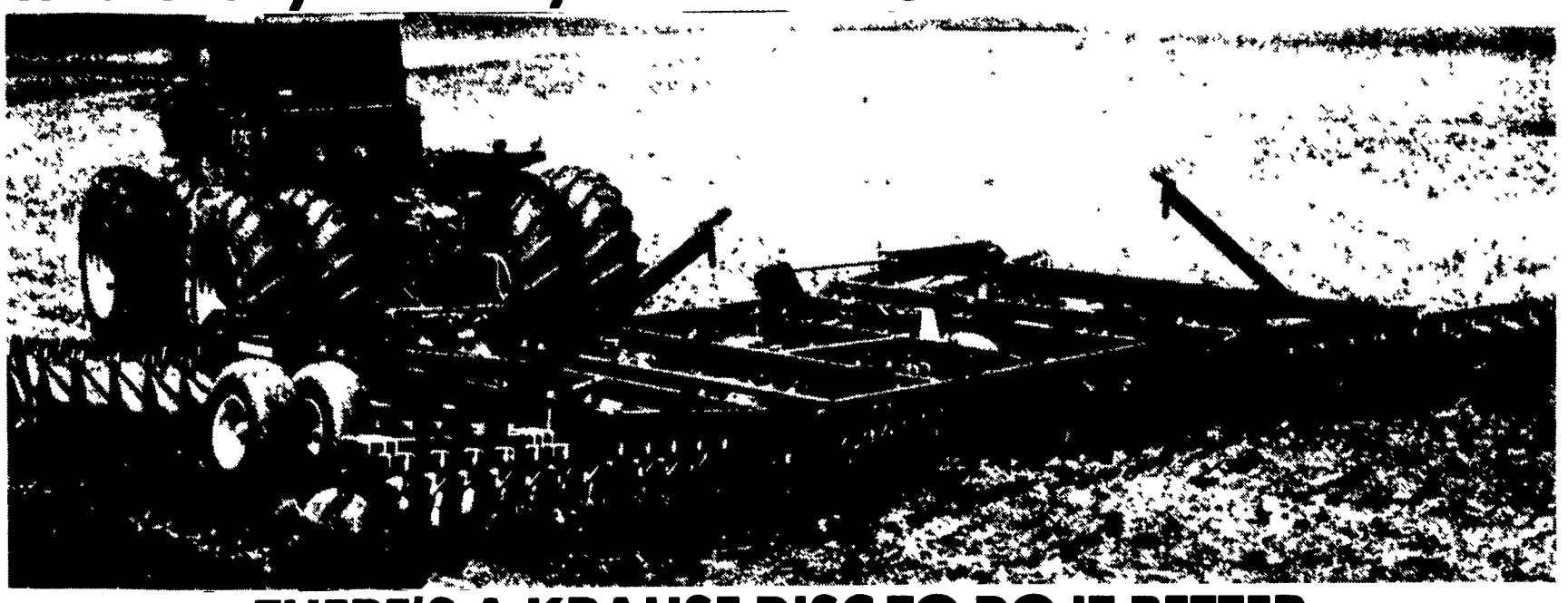
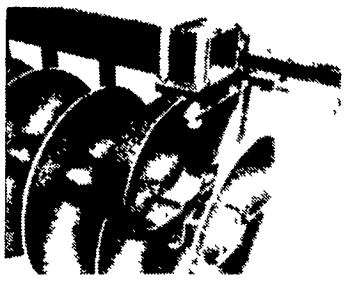
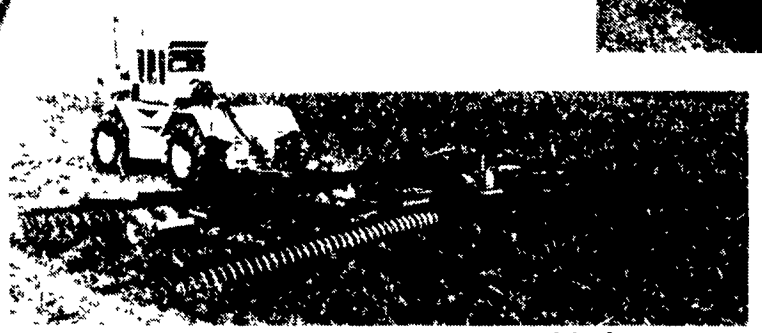


THERE'S A KRAUSE DISC TO DO IT BETTER



BETTER DURABILITY IN ROCKY CONDITIONS

BETTER LEVELING FOR FINISHING SEED BEDS



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DISC HARROWS
From 12 Ft. to 25 Ft.

USED EQUIPMENT

COMBINES

Stock-No.	Description
U7138	IH 915 Combine Diesel, Hydro, 28Lx26 Tires, A/C
U7158	AC Gleaner F Combine Gear, 3 Row Cornhead, 13' Platform
U7222	MF 510 Combine Diesel, Hydro, 23.1x26 Tires, 6 Row Cornhead, 13' Platform
U7904	JD 4400 Combine Gas, Gear, 18.4x26 Tires, 13' Platform
U8457	IH 715 Combine Gas, Hydro, 18.4x26 Tires
U9037	IH 715 Combine Diesel, Hydro, 18.4x26 Tires
U9284	IH 1460 Combine Diesel, Hydro, AC, 28Lx26 Tires, Monitor

TILLAGE

Stock-No.	Description
U9581	JD 4400, 343 Corn Head, 213 Platform
T8034	Deere 110 Disc, 10', Dual Wheels, 9" Spacing
T9020	Krause 2416 Disk, 26', Rockflex, Heavy-Duty
T9023	JD 215 Disk, 12'5", 9" Spacing
T9109	Bush Hog 10' Disk, 9" Front & 7½" Rear
T9134	IH 760 Disk, 14', Offset, 9" Spacing
T9139	Krause 1765 Disk, 13'6", Rockflex, Heavy-duty
T9262	Krause 1578 Disk, 16'6", Single-Wing, Rockflex
T9318	JD 310 Disk, 12' 11" Spacing, Heavy-duty

TILLAGE

Stock-No.	Description
T9499	Krause 1927 Disk, 25', 9½" Spacing, Rockflex
T7892	IH 710 Plow, 6F, 18" Auto., Semi-Mounted
T8857	IH 14 Subsoiler, 7 Shank, Automatic, Trip w/Coulters
T9120	IH 4500 Vibra-Shank, 20'
T9595	Dunham 25' Ultra-Mulcher

DRILLS & SEEDING

Stock-No.	Description
V8881	IH 510 Graindrill, 21x7, Single Disc, Fertilizer
V8682	IH 5100 2 Drill Hitch, Like New
V9191	IH 510 Drill, 21x7, DD Openers, Press Wheels
V9302	IH 620 Drill, 24x7, DD Openers, Press Wheels

DRILLS & SEEDING

Stock-No.	Description
V9303	IH 620 Drill, 24x7, DD Openers, Press Wheels
V9418	IH 620 Drill, 20x7, DD Openers, Press Wheels

TRACTORS

Stock-No.	HANDYMAN SPECIAL
W9392	IH Super C Tractor, Cultivator
W9446	IH F200G Tractor, Fast Hitch, Drawbar
W9503	IH 544D Hydro Tractor, 16.9x30, Cab
W8229	IH 966 Tractor, Reconditioned
W8536	IH Farmall M Tractor, 13.6x38 Tires
W8569	IH Super C Tractor, 2 Row Cultivator
W8729	IH F1086Dactor, Rops, ¹ux. Fu3l ‡$nk, 20.8x38 Tires

TRACTORS

Stock-No.	Description
W8759	IH F706D Tractor, NF, 3 Point, TA
W8863	IH F656G Hydr Tractor, Fast Hitch, NF
W8934	IH F1206D Tractor, 20.8x38 Tires, Fast Hitch
W9022	IH F1066D Tractor, 18 4x38, Cab
W9040	IH 1206D Tractor, 18.4x38, TA, 3 Point
W9064	JD 4230 Tractor, Quad-range, 18.4x34, PTO
W9194	IH F656G Tractor, Gear, 5.5x38 Tires NF, 3 Point Hitch
W9236	IH F1466D Tractor, 24.5x32 Tires, Aux Tank
W9240	IH F986D Tractor, 18.4x38 Tires, Cab
W9247	IH 544D Hydro Tractor, 16 9x30 Tires

TRACTORS

Stock-No.	Description
W9260	Versatile 150 Ser 1 Tractor, Loader, Hydro
W9291	MF 1080D Tractor, 16.9x38 Tires
W9597	Ford 3000, 13.6x28 Tires
W9599	IH F1066, 20.8x38 Tires
W9605	Versatile 160 Tractor, Loader, Hydro

MISCELLANEOUS EQUIP.

Stock-No.	Description
U9369	IH 56 Blower, Reconditioned
T9298	Noble 6R Folding Cultivator, Hydraulic Wing Lift
U8641	MC 180SB Shredder, 1000 RPM
V8662	IH Sidedresser, 6 Row
V9197	John Blue Tri Sprayer

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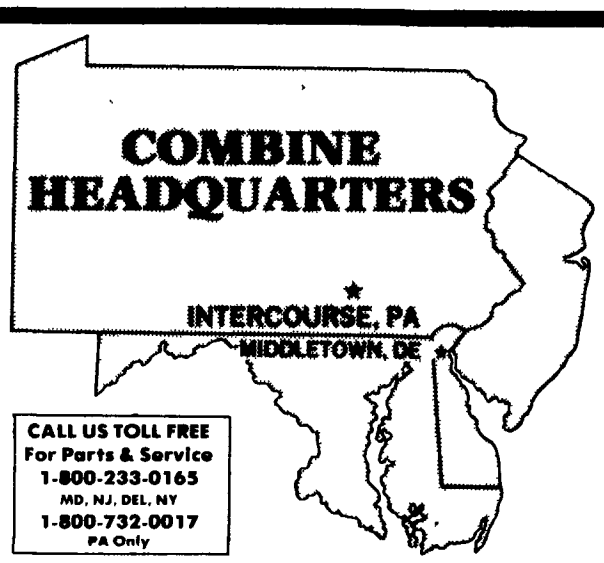
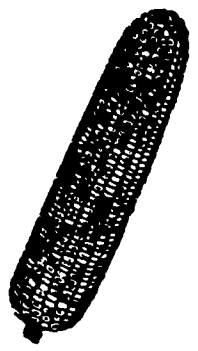
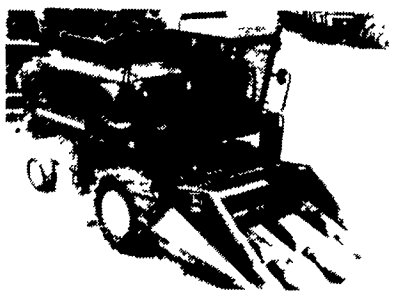


IT'S NOVEMBER 17...

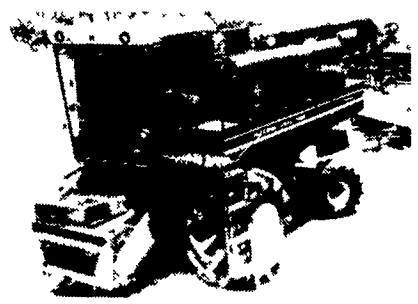
How Many Of Your Dollars Are Still In The Field?



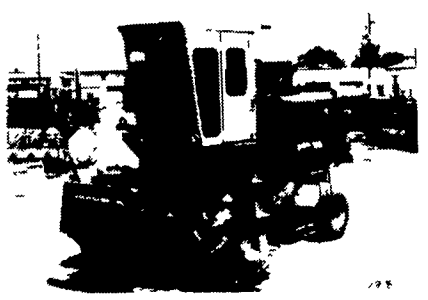
Buy A Second Combine To Harvest Your Corn And Beans At The Same Time



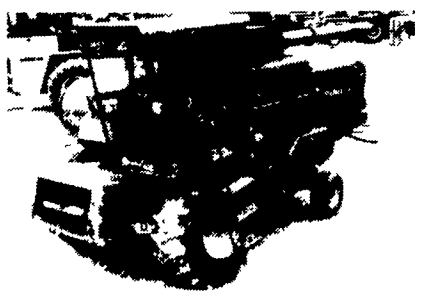
U9581 Deere 4400 Combine, 1174 Hours, A/C, 18 4x26, Straw Chopper, 3 Row Cornhead, 15' Platform



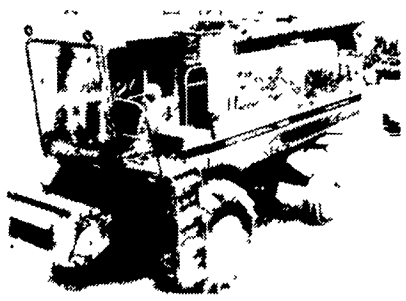
U8771 IH 1460 Hydro, A/C, Monitor 67 00x34 00x30 Tires, Grain Loss Monitor, 1981 Hrs



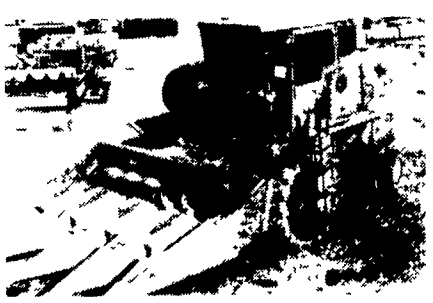
U7818 IH 715D Hydro, A/C, Monitor, 18.4x26 Tires



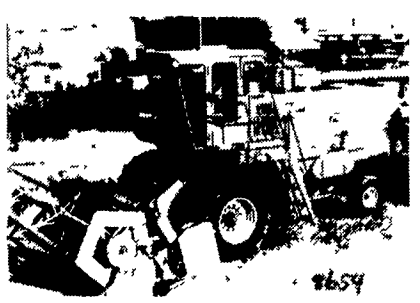
U8742 MF 510 Gear, A/C, 44 Cornhead & 13' Platform



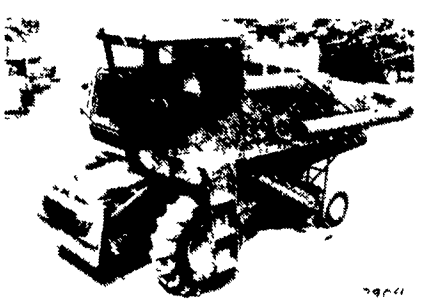
U9292 IH 1460 Hydro, A/C, Monitor, 28Lx26 tires, 2459 Hrs.



U8010 MF 510 Combine, Diesel w/ 1143 Cornhead



U8654 MF 750D, 23.1x30 Tires, Hydro, A/C, 15' Flex Platform



U7904 JD 4400 Combine Gas, Gear, 18 4x26 Tires, 13' Platform

WAIVER OF FINANCE ON USED COMBINES TILL OCTOBER 1, 1985

C.B. HOOBER & SON, is your INTERNATIONAL HARVESTER AXIAL FLOW COMBINE HEADQUARTERS

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Full Season Comparison of International Axial-Flow Combine with Prior Combine of Equal Size*

CORN	1420 vs. Class III	1440 vs. Class IV	1460 vs. Class V	1480 vs. Class V
More Bushels Per Day Percent increase in bushels per 10-hr day	+30%	+50%	+31%	+46%
More Bushels Per Acre Extra bushel from less grain loss	+ 83 bu + 64 sidehill	+ 64 bu + 95 sidehill	+ 59 bu + 61 sidehill	+ 32 bu + 35 sidehill
More Dollars Per Bushel Increased value per bushel from less dockage	+1.5¢	+1.8¢	+1.6¢	+1.5¢
More Bushels Per Gallon Percent increase in bushels per gallon fuel	+43%	+54%	+35%	+40%

*More than 3,100 owners of Axial-Flow combines compared the productivity of their Axial-Flow combines with their prior combines These facts are from the more than 2,200 corn farmers' reports

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1 FARM EQUIPMENT

(Combines on our lot)
1981 JD 6620 Side Hill, 1 owner fully equipped, used 400 hrs., like new.
Used JD 6620 L.L. one owner Hydro fully eq.; Used 1980 JD 6620 side hill 1 owner fully Eq., real nice.
New Int. 1420 Axial Flow. New 820 Flex Head.
New JD 4420 fully equipt, (SOLD). Used NH TR70 Hydro w/15 ft. flex & 6 row; 1977 JD 4400 Dsl. cab and air real nice; 1975 JD 6600 D rotary screen, good cond.
1977 JD 6600 Side Hill Hydro, one owner w/heads.
1977 Gleaner L2 hydro, (SOLD). 1976 Gleaner FD w/C.A. and 2 heads, 1976 Int. 915 D w/810 grain head, $15,900.00; 1979 MF 550D, excel. w/grain and corn heads. 1975-MF 510 D hydra. w/grain and 43 corn heads.
MF 410 D w/cab & Q.T. Grain Head.
1969 MF 510 D, cab & 2 heads.
MF 300 w/cab & 2 heads for $2900.
1969 JD 55 sq. back corn special w/cab and 2 heads; Int. 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.
1972 Gleaner F w/grain & 4 row C.H., $9800.00, (SOLD).
Int. 105 w/cab 10 ft. grain and 2 row C.H., (SOLD).
MF 510 D w/grain & 422 cornhead, (SOLD).
JD 55 Sq. Back w/Cab, Grain, 234 C.H. or 334 C.H.; JD 40 w/10 ft. grain & 205 C.H.; JD 40 w/10 ft., needs work.
AC 90 pull combine.
COMING IN - Used Int. 1460 Axial Flow.
M & W Continuous Flow Dryer.
NI 702 Uni w/727 Husky Bed.
JD 7720 w/Fire Damaged Cab.
(Financing Available on Combines & Tractors).
We have 4 NI Uni 729 A shellers from $1500.00.
Tractors & Equipment Just Traded & Purchased - Int. 5488 w/Radial Dual Tires, like new. Ford 9600 C.A., nice. JD 2950 w/400 hrs., $16,250. JD 4030 C.A., original, real nice; JD 4320 w/Cab. New JD 4400 SG, Cab, Quad; Used JD 4440; C.A. PS, original, real nice; Agri Power 9600 - 115 HP; by Fiat used 80 hrs., like new; Farmall 786, like new; AC 7045 C.A., like new; Farmall 1566 C.A., black stripe; MF 1080 D, real nice, $6800.00; New JD 6 - row conservation planter w/liquid fert., inst., & monitor; Price for $12,900.00. JD 4020 w/WF, 2 valves, new motor & original paint; JD Loader; 4430 CAQR. JD 2940 w/RG canopy. Int. 656 utility D. w/2250 Loader. 1066 red cab & air, original, real nice. Farmall 186 Hydro Cab & Air; 706 Gas WF, TA, FH, Original. IH 3788 2+2, used 700 hrs.; IH 3588 2+2 w/800 hrs.; Farmall 656 D, WF, TA, motor rebuilt; White 4-150-4 WD for $11,900.00; JD 4020 side console, Farmall 656 Hydro D., real good; Case 1030 D. New MC 7' for $3900.00; Int. 400 4 row cyclo planter w/no-til; Oliver 4×sp. reset plow.
Balers JD 336 twine w/thrower, real nice. JD 336 twine w/wagon hitch, real nice, (SOLD). JD 336 wire w/thrower. We have 4 JD 336 Balers to pick from. JD 410 Round Baler, real nice; JD 500 Round Baler, $4,400.00. NI-456 Round Baler. NH 852 Round Baler. NH 472 - 7 ft. Haybine, like new, $4,575.00; NH 477 haybine, 7 ft.
JD 660 Rake w/Front Whl.
Hay Equipment Specials Haybines. Used Hesston 1014 Hydro; Swing, 12'. NH 495 12'. Int. 990 9' late model. JD 1209 for $1800.00. Int. 1190 for $2,475.00. New NH 489; Haybine for $7,550.00; Used Int. 990 - 7 ft. Haybine, nice.
MC 9' rotary scythe, $1250.00. NI 279 cut/ditioner, $1500.00. NI 7' cut/ditioner, $1200.00 & UP.
Balers: NH 269 w/Thrower for $1250.00.
NH 320, looks like new; w/new 70 NH Thrower for $6950.00. JD 466,, a real nice big baler. NH 273 w/Thrower. Lely Hay Tedder.
Int. 100 Dyna Bal. 3 pt. Sickle mower. JD 350 3 pt. Sickle Mower. MF Dyna Bal. Mower. NH 258 Rake w/Front Whl., like new.
TRACTORS AND EQUIP. JUST PURCHASED. New JD 4240 C.A. and P. Shift, JD 4620 w/Cab and new tires, real nice, JD 4640 C.A., PS, 20×38 tires, w/Dual Wheels, fully equipped, 800 hrs., like new, $35,800.00. Used JD 2640 w/Hi-Lo dual hydraulic, $9,875.00. JD 2010 gas, $1,775.00. Farmall 1586 C.A., 3 valves, & Dual Wheels. Farmall 1086 C.A., $16,800.00. Farmall 886 w/Cab and 18×38 tires like new. Super A w/2 Way Plow, fully eq., excel. cond.. Case 930 D, original. Case 1030 D. JD 3010 gas. New A.C. 8050 PS w/Radial Tires, list 56, cost 44, our price, $34,850.00. New AC 6080 Diesel.
Used JD 4040 w/R.G. and QR, nice. JD 4630 cab, air, PS, w/Front whl. drive. JD 6030 C.A., duals, all original. Farmall 1586 C.A., real nice. Farmall 1486 C.A., w/Radial Tires, real nice, one local owner. Int. 784 Utility D. 1066 Hydro original. Farmall 706 Gas, WF and 3 pt.. 766, original. NI 325 picker w/sheller like new. NI 325 picker w/12 roll bed. NI 324 Picker w/12 roll bed. Case 1370 C.A., PS, factory duals and full wts., $13,500.00.
NI Combines, Just Dealt. NI 702 late model w/Heavy axle & High Screens w/729 A Sheller. IH-743 - 3 row Quick Tach C.H., real nice & Field Ready. Late Model 702 D, real nice. NI 717 Combine w/13 ft. grain. NI 738 4R N CH. NI 10 ft. direct cut head. NI 3 row 30" Silage Head.
NI 713 Q Tach Grain Head.
MF 1135 CA MP, real nice. Farmall 1468 C.A., $8,850.00.
Farmall 886 w/R.G., 560 D w/F.H.. Nice 756 D WF and F.H., nice, original. 756 D WF 3 pt.. Int. 656 utility D, nice, original.
Int. 574 Utility D, w/New Tires.
Int. 444 Utility w/Hydraulic Loader. Farmall 460 Gas, TA, FH for $1975.00.
2 Used NI 323 1 Row Picker, Real Nice.
AC 7010 C.A., P.S., 20:8×38 tires, full wts., light package looks like new.
Farmall 656 Gas. JD 730 D, nice. JD 620 w/PS. JD B.
Used NH Tandem Rake Hitch.
New Holland 1010 Bale Wagon.
1971 JD 4020 S.C. w/Power Shift; JD 2510, Gas, Real Good. 4010 Gas.
JD 4020 S.C., P.S. JD 730 Gas. JD 530 w/PS & 3 pt. JD 4030 4 Post w/Quad & good tires. 1971 JD 3020 D, WF, P. Shift w/2 Valves. JD 3020 Diesel, $5,450.00. JD 2010 D, real nice. JD 2010, gas, nice. JD 630 w/PS & 3 pt. PT. 4020 D WF, DL and 2 values w/Cab. JD 4020 D WF, PS. JD 6030 C.A., real nice. JD 3010 Tri Gas. Farmalls 1586 4 Post R.G. w/Duals. 1206, extra nice.
Int. 606 w/Loader. MF 175D w/R.G.
Int. 300 Utility.
JD 4020 D., WF, PS and diff lock). (Harvesters). NH 890 w/3 row 30" C.H. 2 roow snapperhead and pickup head.
NI 325 Picker w/12 Roll Bed.
New NI 324 2 Row Picker, (SOLD).
Used Fahr Rotary 7 ft. Haybine. Glenco SS9 Soil Saver. JD 210 14 ft. Disc. Hesston 30 Stakhand.
CHISEL PLOWS. New Ford 13 ft. 3 pt. w/Gauge Whls.
Used Grim 4 star hay tedders.
Used NI 279 Cutditioner. 2 NI 272 cutditioner. NEW NI 406 Rake w/Front Whl, $2,275.00.
Grinder Mixers. NH 357 for $3850.00. NH 355, like new. Gehl 95, real nice.
New AC 7010 w/20 sp. trans. JD 4020 S.C. w/Cab. MF 1135 w/Cab.
Farmall M Diesel w/PS. M & W PTo & Dual Hydraulic.
We have 3-Farmall M's & Farmall H.
TRACTORS & EQUIP. Farmall 1566 w/Cab and duals.
Case 1410 D, nice, $7900.00.
Cub 184 w/3 pt., like new. 682, 128, 125. JD 317, 314, 210.
New John Deeres 4240 cab & air, QR for $30,000.00. New JD 4440 C.A., QR w/Radial 20×38 tires. Local Trade Ins. Used JD 4230 CA, QR. 4020 side console equipment.
Corn Heads JD 643, 444, 244, 843, 343, 443, 313 for 45C, 235. Massey Ferguson 1163, 1144, (SOLD). 63, 43, 44, 24, 222, 422. Gleaner L438, F430, F438, K238, F335, F330, M430. Int. 863, 864, 844, 744, 843, 227. NI 4 row 40" heads. Case 4 row 40". MF 44, (SOLD), & 43 Lo Profile. NH 4 row 38" C.H. New JD 444, $6875.00. JD 443, used 2 seasons. 2 Late Model 643 JD Cornheads. New JD 443 CH for $9500.00. Gleaner A430 for F2. Gleaner A630 C.H., (SOLD). JD 435 for 95 Combine. 40 corn heads on lot. NI 738 and 728 4 row 30".
New Int. 810 13 ft. grain head.
Used Int. 820 16' flex grain head.
Used JD 215 Flex Grain Head. 3 Used JD 13' Grain Head.
2 Used MF 63 C Corn Heads to pick from. 4 used 810 Int. 13 to 16 ft. reg. and floating heads.
(New Farmalls). 5088 C.A. for $34,850.00. New 3688 fully eq., $30,000.00.
(Used Farmalls). 966 original. 1206, real nice. We have 4 JD 4020 side console diesels. 1970 JD 5020, $6950.00. Ford TW20 w/Cab w/220 Hrs., Damaged.
Case Used 2590, fully eq., cab, air, PS, dual whl., 900 hrs., for $23,900.00.
New Case 1490, PS, w/Heavy Case Loader.
Case 1370, 1070, 1030.
AC D 17 dual IV w/3 pt. JD 4230 w/Rops. 1971 JD 3020, SC, PS, DL, +2 valves.
TRACTORS. Farmall 544, Gas, WF. Farmall 706 D, WF & 3 pt. NI 324 Picker w/Super Sheller, used 80 acres, (SOLD).
1971 JD 4020, original. Case 1070, PS, $6875.00. JD 4010 Tri D. Farmall 766.
Long 910 D.
CULTIVATORS - New Case 3 pt., 8 row Hydro fold. JD 4 row & JD 6 row rear.
CORN PICKERS. Used JD 300 w/2 Row 30" C.H. or 3 Row N or 2 row wide. 3 Used NI 325 w/12 roll bed, current model. 3 Used NI 325 w/8 Roll Beds. (2) NI 324 w/12 roll bed. (325 N. w/Sheller). NI 3 row 30" Picker w/Super Sheller. New Idea Shellers and Super Shellers. NI 2 row 30" Picker w/Grinder.
NI 324 w/8 roll bed. NI 324 w/Super Sheller. NI 325 w/Regular Sheller, nice.
New NI 324 Picker w/Super Sheller List, $15,390. Special $8,475.00. NI 319 Mtd. Picker w/Sheller. JD 237 w/Multi Lubes & Sheller Available.
Mounted Pickers. NI 305, 2 row for M, 450, 560 & JD 3020. Int. 234 for 560-656 & JD 3020. JD 237 for A, 620, 3010.
NI 727 Uni Husking Beds.
JD 4020 w/58 Loader. JD 4320 w/Cab.
560 D w/F.H., nice.
Farmall 1568 w/Cab & air, used 1000 hrs. 1566 w/cab. 1466 w/Cab. 886 w/Cab, 800 hrs., like new. 856 w/38" tires, very nice. Farmall 756 Gas. Hi Crop 656 Diesel, 756.
HARVESTERS. Int. 830 w/2 row, 30", C.H., w/Electric Controls, 2 yrs. old, like new, $7,800.00. Int. 830 w/3 row 30" C.H., fully equipped, $6,800.00. Fox Super D SP Chopper w/2 row C.H. NI 702 Uni D late model w/chopper & 3 row 30" C.H. Gehl 600 w/2 Heads.
JD 3960 Fully Eq. w/Controls also 7½ ft. pickup head.
Used JD 3940 w/Elect. Controls. 2 row N.C.H. & Pickup Head. JD 3800 w/2 row C.H. for $2850.00. Fox 3310 w/3 row 30" C.H. NH 890 w/3 row 30". 2 NH 890 2 row 38" cornheads. NH 770 w/2 row 30". Fox 2 row Snapper Head. NH 770 1 Row Snapper C.H. NH 890, 2 new Snapper Head. Fox 2 row 30" Silage Head. JD 1 row Snapper Head for 38 & 3800. JD 4 row Stalker Head, like new.
New JD 5½'. Used JD 5½'.
Int. 650 Chopper w/2 row C.H.
Gehl Recutter Blower.
ALLIS CHALMERS 7040 w/Cab, power shift, like new, low hrs. 210 w/new 20.8×38 tires. AC H3 Crawler w/Blade and winch.
2 JD 4 wheel drives, 8630, fully eq. w/duals & 7520, fully eq., w/Duals.
FARMALLS. Used 686 w/Cab & Air. 806 w/3 pt. & 38" wheels. Farmall 656 Diesel & 656 gas. Farmall 826 Hydro D.
Farmall 450 gas w/PS & FH.
New White 2-65 w/Front Whl. Drive and new 1730 Loader, List $29,000.00.
Dealers net $23,700. Our special price, $21,850.00.
New White 2-105 w/Cab, $22,850.00.
MASSEY FERGUSON 1155, cab & air, M.P. for $8850.00. MF 184, 4 Wheel Drive. MF 175 D. MF 85 D, w/new Tires. MF 1155 w/C.A. M.P. MF 1130 for $6,250.00. MF 1080D. MF 90D. Oliver 1950T w/Cab for $5,975.00. 2050, 1855, Diesel for $6,000.00. Oliver 1650 w/over & under shift. MM Vista 1000 w/cab and loader.
Farmall 706 German D w/cab. JD 2520D. MF 1135 w/R.G. and dual wheels. NH 890 2 row snapper head.
NI 325 pickup w/12 roll bed used 4 yrs.
Fords 5000 D. Small tractor just traded.
Ford 860 w/Loader. JD 2010 D, real nice.
AC 5030 w/3 pt., used 270 hrs. Satoh 20 HP w/Mower. AC 185 D, needs motor work. JD A w/PS, excellent.
David Brown 990 D for $1950.00.
IND. EQUIPMENT. Int. 500 E Crawler Loader w/270 hrs., like new. Cat 933 crawler loader.
Cat 951 C Loader w/Rops, real good.
MF 200 Crawler w/6 way hydraulic blade. JD 350 Crawler Loader.
AC 715 D w/Cab. L & B.
AC 600 21 ft. Forklift.
Bobcat 720 Hydro Skid Loader, (SOLD).
New JD 60 Skid Loader w/2 Buckets.
Case 1537 Skid Loader. Case 1816 Skid Loader.
Mechanics Specials. JD 3010 Gas.
Farmall 1256, needs motor work.
Ford 5000 Tri D., needs motor work.
Case 1212 D.
Case 1410. Farmall 706 gas, needs trans. work, $2900.00.
Planters. Used Int. 800 6 row air planter w/dry & monitor. New JD 6 row Conserv. no-til w/dry insect and monitor for $12,800.00. Used JD 7000 4 Row 30" & WR, like new. New & Used JD No Til Planter Coulters. JD 7000 6 row plate w/fert. inst. JD 1460 6 row no-til liquid plateless Inst., $1975.00.
AC 12 row No-Til Soybean Planter. Oliver 6 row no-til w/dry fert., inst., fert. fill and population monitor.
JD 1280 8 row planter.
Cabs for JD and Int. 86 series Tractors.
3 new full vision cabs for MF 165 thru 1135. Glenco 12 ft. 9" Soil Finisher, like new.
Glenco SS9 & SS7 Soil Savers. Brillion 9 ft. chisel plow. Brady 14 ft. pull chisel plow w/Buster Bar.
Athens and Bush Hog 12 ft. and chisel plows.
Miller 12 ft. offset disk, JD Disks 210, 12×14 ft. New Westfield grain augers 41 ft. 8" KD=$1395.00, 56 ft. 8" KD=$1995.00.
Used Danuser Post Hole Diggers.
New JD Front Dozer Blade for 4520 thru 4620, 4430 and 4640.
NH 38 Flail Chopper, like new.
NH 36 Flail Chopper.
NI Hay Conditioner.
Used Brillion, 8' Packer Seeders. Used Century 400 gal. Sprayer.
Used JD 115, 8 ft., 3 pt. blade. New 8 ft., heavy duty 3 pt. blades.
JD 6 & 8 row front cult. New 15 ft. rotary cutter. Oliver 3× Rollover.
PLOWS. JD 5× Hyd. JD 2500, 6×18 sp. reset. Int. 700 6×16 sp. reset w/colters, etc. for $2650.00. Ford 5X sp. reset. Oliver 4×16 Rollover. JD 3×16 Rollover. Ford 2X Rollover, like new. AC 6X Reset Plow. AC 3 pt. 5×14 Plow. New Ferg. 10 ft. Chisel Plow /gauge whls. Used Chisel Plows. Brady 12 ft. & 10 ft. Chisel Plow. New IH 3 pt. Field Cult. 12'. Used 3 pt. Bush Hog 7 Shank V-Ripper. Bestland Rock Picker. New Johnson Loader.
NI 214 Flail Spreader w/Endgate, Nice.
NI 4 row Stalk Shredder. Int. 780 13 ft. heavy offset plowing disk, (SOLD).
Used Int. 315 13' roller harrow, (SOLD).
Used Brillion 21' Hyd. fold cultimulcher.
Used Brillion 13' roller harrow. JD 3 pt. 1&3. Shank Sub Soilers.
JD 111 = 10' Disk. Int. 370 10' Disk. Int. 9' Chisel Plow, like new. Brillion 1' & 3' Field Cult.
Int. 480 20' Fold Disk.
AC 2300 12 ft. Disk. Case 10 ft. Disk. 10 & 12 ft. Packers. NI 10 ft. Lime Drill, excellent.
Howard 13 ft. rotovator.
New 12 ft. 3 pt. field cultivator.
New Landoll 24 ft. hydraulic fold chisel plow.
JD 1610 12 ft. 3 pt. Chisel Plow.
New DMI 12 ft. pull chisel plows. JD and Oliver 4, 6 & 8 row front mtd. cult.
Straw choppers for combines. JD 4400, 7700, 6600. MF 510, 550.
Ford 12 ft. Heavy Disk. Kawanee 22 ft. Wing Disk.
JD 8300 21×7 DD Grain Drill w/Soy Bean Attach. Used 100 acres, like new.
JD 8300 21×7 D.D., $3450.00.
Int. 5100 21×7 DD grain drill, like new.
Int. 510 21×7 D.D. w/press wheels. 2 sets of press wheels for JD drills.
Int. 510 16×7 w/fert. & grass seed.
Int. 510 16×7 grain drill.
Ontario Grain Drill w/Fert., real clean.
Loaders. New Int. 2355. JD 148, 145, 58, 48, 46A Loader. Int. 2250, 2050. Int. set of forks, like new. Int. 2000 Loder. 1 Int. 2001 Loader, new. Great Bend Loader, 3 pt. hitch for 630 and 730 JD Tractor. New and Used JD Quick Couplers. 2 Used 30.5×32 Tires.
2 New sets JD 38" cast whls. & rims for 4640 etc.
We have Hi Moisture Shelled Corn, few hundred acres.
TRUCKS. 1979 Chev. C65 24 ft. rollback, like new.
'76 Chev. 4×4 Pickup.
Int. Scout 4 whl. drive. Delta 44 ft. combine trailer. 1980 Silverado Chevy Diesel w/every option, looks like new.
New NH Direct cut head for 770. New Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for JD 3960, 3800 38. Int. 550, 650, 350. Fox pickup head. 20 set of dual wheels, all sizes.
JD front & rear weights. IH front and rear weights.

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915 International combine, 820, 15 ft. floating cutter bar, 1500 hours, $12,000.
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(1) B125 Power Unit, rebuilt, like new
(1) VF4 Wisconsin Engine, rebuilt, like new
(1) 5' Smucker corn stalk chopper.
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MF 410 COMBINE
Diesel, 4 row wide corn head, 13' grain head, good condition.
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JD 4230 - Cab, Air AM-FM Stereo, Dual Outlets, Excellent Condition
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- Int. 1440 Axial Flow Combine w/4 Row Narrow Corn Head & 13 Ft. Grain Platform
- NI 2 Row Narrow Corn Picker w/Grinder Unit

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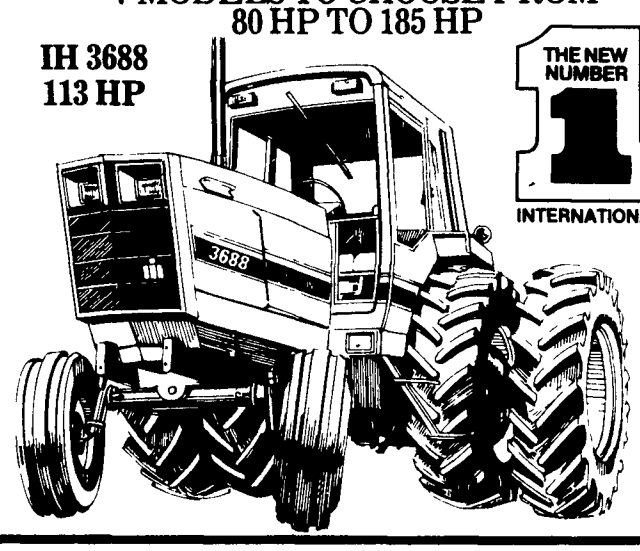
113 HP



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HAY & FORAGE
- Dion Forage Box Wagons
- IH 1190 Mower Conditioner
- NH 2 Row Snapper Head
- New Idea 1 Row Corn Picker
- NH 880 Harvester w/2 Row Corn Head, Nice
- IH 555 Harvester w/2 Row Corn Head
- HD Big Bale Mover
- IH 60 Shredder 6 Row
- IH 40 Shredder, 4 Row
- NH 276 Baler w/Thrower
- NH 24 ft Elevator, Nice
- IH 7 Flail Chopper
- NH 718 w/12 Reversible Knives, 2 Row or 1 Row Corn Head
- IH 56 Blower, HD PTO
- Super 717 Harvester w/2 or 1 Row & Pickup Attach (Excellent)
- IH 830 Forage Harvester, 12 Knives w/Power Grinder, 3 Row Narrow Corn Head, Pickup Attach Low Profile Super Sweep
- NH 770 Harvester, 2 Row w/Pickup, Real Clean
- NH 489 Haybine, Like New, Cut Less Than 50 Acres
- JD 1 Row Corn Picker

SKID LOADERS
- NH L425, Rental Unit
- NH L775 Diesel, Deutz 50 HP
- NH L325 Skid Loader w/Bucket & Fork, 860 Hrs , Excellent
- NH L775 D w/Bucket, 680 Hrs (Like New)

TRACTORS
- IH 340 Tractor, Fast Hitch
- IH Cub Lo Boy
- Farmall A
- Kubota 185 w/3 pt Hitch
- IH 886 D w/ROPS
- IH 606 Utility w/Loader, 3 Pt Hitch
- Farmall 460 Fast Hitch
- Ford 4000 Tractor, 3 Pt Hitch 40 HP
- IH Model 84 Hydro w/2250 Loader, Ex Cond

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- Model 40, 4 Row
- Model 60, 6 Row

w/4 Wheel Attachment

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Glencoe 9' Shank Soil Saver w/New Discs, Flotation Tires, Cylinder & Hose

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- JD 350 6 Bottom Plow
- IH 700 4 Bottom Auto Reset Plow
- Brillion 14 Ft Transport Harrow
- Glencoe 9 Shank Soil Saver w/New Disc
- Brillion 10 Ft Culti Packer
- JD 10 ft Rotary Hoe
- IH 3 Bottom Fast Hitch
- Case 10 ft Disc Harrow

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- IH 400 Planter 6 or 4 Row

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- NI 214 3 Beater Spreader
- NH 519 Spreader 2 Beaters Hyd Gate
- NH 516 Spreader
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- NH 791 Spreader
- NH 676 Spreader
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- NH 234 Wagon w/Flotation Tires
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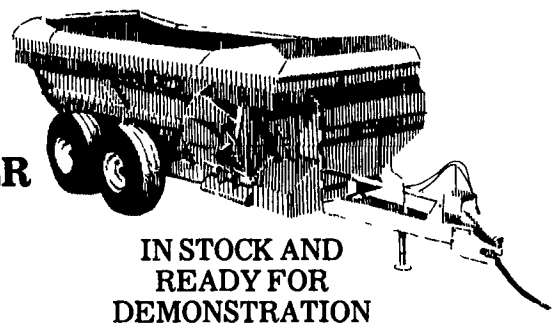
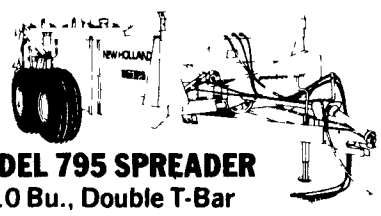
0% FINANCING ON ALL NEW HOLLAND EQUIPMENT

NEW MODEL NH 307 SLURRY SPREADER
Spreads 10 Tons Per Load!

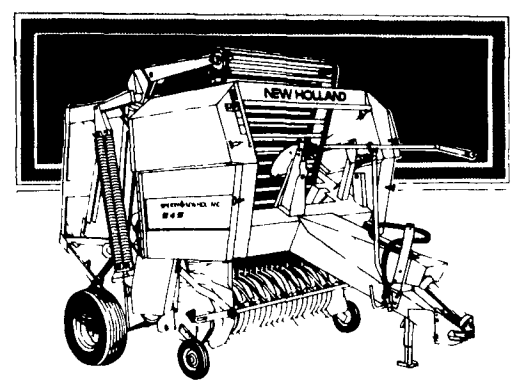


IN STOCK AND READY FOR DEMONSTRATION



MODEL 795 SPREADER
410 Bu., Double T-Bar Chain

WAIVER OF FINANCE ON SPREADERS TILL APRIL 1, 1985 OR CASH REBATES OR LOW RATE FINANCING



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Perfect Bales and Unmatched Capacity

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Diesel Engine, 52 HP
66" Bucket, 10.00x16.5 Tires
$14,500.00

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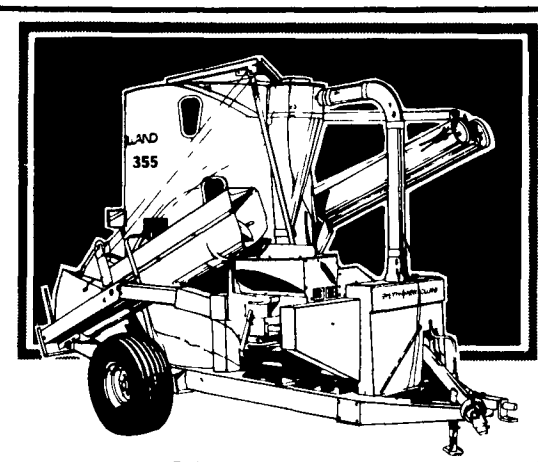
- 0% for 1 Yr.
- 7.9% for 18 Mos.
- 9.9% for 2 Yrs.



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NH 355 GRINDER-MIXER
- 21" Hammermill
- Hydraulic Drive
- 100 Bu. Tank
- Optional: Scales

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PLUS Low Rate Financing On ALL Sperry New Holland Equip.
• 0% for 12 Mos. • 7.9% for 18 Mos. • 9.9% for 24 Mos. • 11.9% for 36 Mos.

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- 5835 IH 986
- 5739 IH 1066 w/cab
- 5731 IH 656
- 2871 IH 1466 w/cab, new paint
- 1616 IH 1066 "black stripe"
- 5415 IH 544G
- 5787 IH 544
- 5833 AC 5050 w/400 Loader
- 5792 Deutz DX 130
- 5793 Deutz DX 160
- 5784 JD 4630 w/duals
- 2845 JD 4430 w/cab, duals
- 2755 MF 1805 4WD duals
- 5170 NH 775 skid steer loader
- 5700 N.H. 778 skid steer loader

COMBINES

- 5120 JD 7720 w/4WD, chopper
- 3059 JD 7700 w/chopper
- 2622 JD 7700 w/chopper
- 3057 JD 7700 w/chopper
- 3058 JD 7700 w/chopper
- 5782 IH 1460
- 5447 IH 1480
- 3180 IH 1460 w/cornhead, platform
- 2108 IH1480 reconditioned
- 3094 IH 915 w/platform

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- 5484 IH 2001 Loader
- 5402 N.I. Rake
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- 5373 Ag-Chem 500 Gal. Poly Tank
- 5751 Rhino Flex 15 mower
- 5291 Rhino 20' Flex Wing Mower
- 5577 Rhino 20' Flex Wing Mower
- 5277 IH 55 chisel plow
- 5312 IH 295 planter units
- 5313 15' solid wheel packer
- 5750 Case 14' Disk
- 5564 AC 2300 Disk, 14'
- 5561 J.D. 210 Disk, 13'
- 3111 Agrotec 200 gal. 30' sprayer
- 1657 Case K23 disc harrow 24'
- 5121 Dunham-Lehr 29' crowfoot packer
- 5419 JD 22 Shank Chisel plow
- 5740 IH 560 plow, 6x16
- 395 Glencoe 14' soil saver
- 5534 Glencoe Soil finisher, 20'
- 5720 N.H. 1010 Bale wagon
- 5713 I.H. 510 Drill
- 5765 JD 246B Drill
- 5766 JD E9300 Drill Attachment
- 2763 IH 620 tandem full press drill
- 3098 IH Dual Hitch for 5100 Drill
- 5786 IH 510 Drill
- 5026 IH 1190 mower conditioner
- 5569 IH 60 Shreader
- 2872 JD 7x18 double disc drill
- 5045 Krause 2143 disc 42'
- 5457 Krause 2413 Disc 23'
- 5578 Krause 3 Bar Harrow
- 2762 MF 7x18 drill
- 5760 Wilrich 24 Ft. Field Cultivator
- 5759 MF 520 Disk 12'
- 1512 Miller 8500 offset disc 26'
- 2375 Tebbin sub-soiler
- 5241 Wil-Rich 2400 MP Plow, 7 Bottom
- 5216 NH 479 Haybine
- 5164 NH 479 Haybine
- 5381 NH 479 Haybine
- 5615 Brillion SC-01 Field Cultivator, 20'
- 5702 NH 462 Disc mower

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84-to 145-hp tractors

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This tough, handsome new series, with new features, supercedes the DX-90 thru DX-160 line. This is the new line up:

DX 4.70 84 HP Turbo
DX 6.50 120 HP Turbo
DX 6.30 110 HP N.A.
DX 7.10 145 HP Turbo

NEW FEATURES INCLUDE:
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- Full transmission synchronization.
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- Shorter turning radius on FWD.
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- Optional front 3-pt. Lift & PTO

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"They run longer, they run better, they run for less."

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- **DX Series (84-145 HP) Up to $9500 Rebate.**
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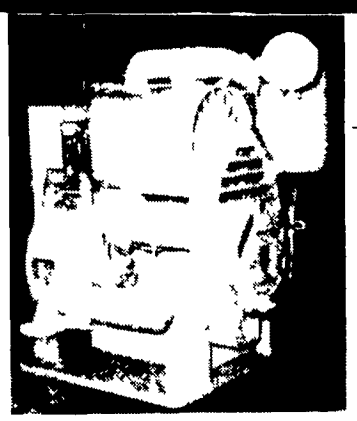

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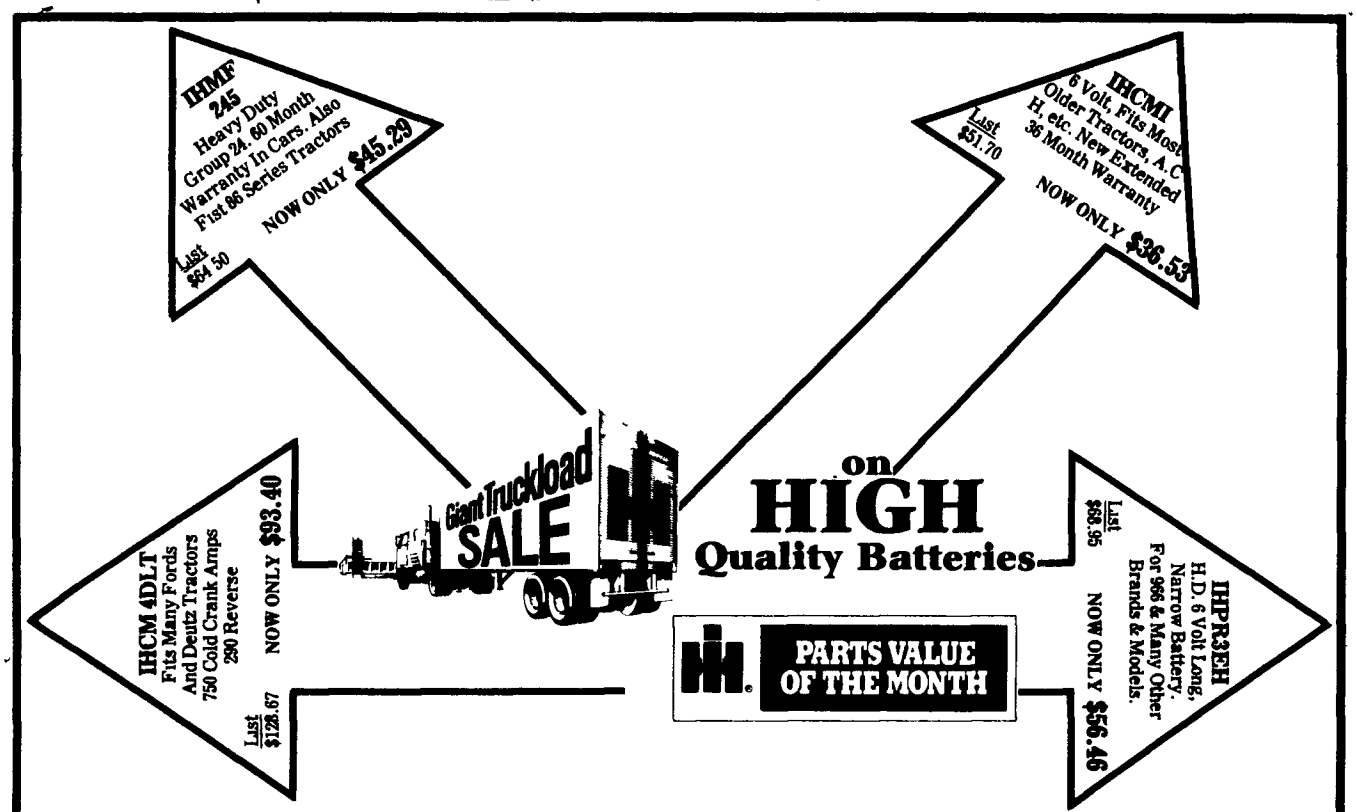

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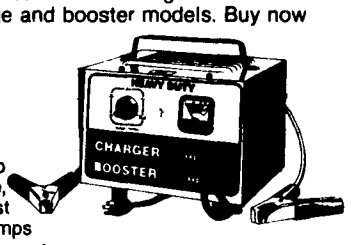

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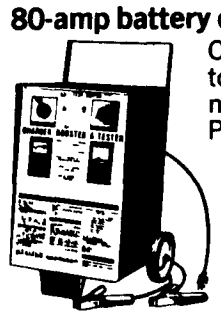

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NH 273 baler w/thrower, $2000
NH 277 baler, no thrower $1,500
JD 400 grinder mixer $2000
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NH 676 spreader $1,250
Gehl 95 grinder mixer, $2,000
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NH 451 mower $650
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JD 1240 4R Plateless Corn Planter
NI 325 2R Picker Sheller
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JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 244 Corn Head
NI 279 Cut/ditioner
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JD 2950 MFWD & Cab

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JD 415 Rotary Hoe
JD 327 Baler w/30 Ejector
JD 430 Round Baler
JD 450 Hydra-Push Spreader
JD 240 Loader w/73" Bucket
JD 716A Forage Box
JD 506 Rotary Cutter

USED EQUIPMENT
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IH 243 Picker Sheller
NI Forage Blower
JD 640 Rake w/Front Wheel
JD F130 4-14" Bottom Plow
JD "B" Tractor
JD 2030 D Utility Tractor
JD 24T Baler w/No. 2 Ejector
JD 1209 Mower Cond.
NH 495 12' Haybine
(2) NH 479 Haybine
Owatonna SP Mower Conditioner
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AC 600 4 Row Liquid Planter
JD Model 350 - 5 Bottom Plow
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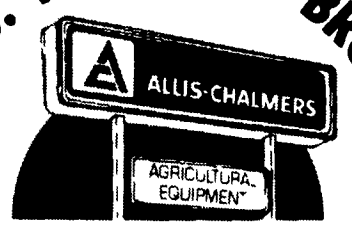

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Gleaner KKS w/Cab, 10' Grain & 238 Corn Heads, Excellent!!
Gleaner CII w/12' Grain & 438 Corn Heads
Gleaner E w/Cab, 10' Grain & 238 Corn Heads
Gleaner AII w/Cab & Both Heads
Gleaner AII w/12' Grain Head
JD 55 Special w/Cab, 12' Grain & 330 Corn Heads
JD 55 w/12' Grain & 338 Corn Heads
JD 45 w/Both Heads
JD 45 w/Grain Head
MF 35 Pull Type
IH 315 w/Cab, Grain & Corn Heads
NH 975 w/11' Grain & 238 Corn Heads
NI Uni-System 702 w/717 Combine, 4-Row Corn Hd.
NI 767 Chopper w/702, 2-Row Corn Head & 761 Pick Up Head

MANURE SPREADERS
NH 676, 325 BU.
NH 510, 160 BU.
(2) NI 218, 265 BU.
(2) NI 214, 206 BU.
NI 213, 170 BU.
Farmhand M165, 125 BU.
NH 365 Tank
(2) Hawk Bilt 207 Tank

TRACTORS
AC 7060 PS, w/Cab
AC 7040 PS, w/Cab
AC 7020 PS, w/Cab
AC WD45
AC WD
JD 2030, EX!!!
JD 4010 D w/PS
JD 4010
JD 3010 D
JD 730 Wide Front End, 3 pt.
JD 60
JD B
IH 460 D
Farmall 400
(2) MF 180 D
MM G1000 D
Case 1210 D

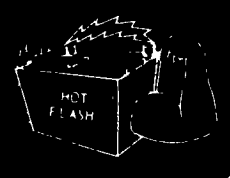
TILLAGE
JD 13' Transport Disc
IH 13' Transport Disc
Oliver 6B Spring Tooth Plow
AC 80 Series 4B Mtd., 3 pt. Plow
Brady 10 Tooth Chisel Plow, w/Gauge Wheels, Like New!
Vicon 14' Power Harrow, Demo!

Check Our Lot For Good USED TRACTORS, COMBINES, and TILLAGE TOOLS!
Most Units Qualify You For:
-- Low Finance
OR
-- TPD Waiver 'Till 6/1/85 (Tractors & Combines)

DON'T PAY HIGH AUCTION PRICES AND GET STUNG!!!!

TIRED OF BEING OVERCHARGED?

Battery Warehouse



OFFERS A COMPLETE LINE OF TOP QUALITY BATTERIES AT EVERYDAY LOW LOW PRICES

FARM TRACTOR BATTERIES

Group 1 6 Volt **$31.95** Exch.

Group 30H 12 Volt **$65.95** Exch.

PASSENGER CAR BATTERIES STILL

As Low As **$29.95** Exch.

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717-323-5645
WESTMINSTER, MD
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SHAMOKIN DAM
717-743-5383
BEL AIR, MD
301-879-4323

1 FARM EQUIPMENT

TRACTORS
Satoh Buck 4 WD
Satoh Elk
Ford 3400 w/loader
Ford CL 40 Skid Loader
Ford 8000 D 8 speed
Ford 7000 w/monitor
Ford 6700 w/canopy
Ford 5000 dual power
Ford 4000 D LPTO
Ford 3500 Loader & Hoe
Ford 3000 D, 8 speed
Ford 2000 G 8 speed
Ford 801 w/loader
AC D15 3 pt.
IH 666 D., WFE
IH 454 D., PS
IH Cub w/equip.
David Brown 1200
David Brown 990 w/loader
Case VAC 3 pt.
Case 930 CK Tractor
JD 2640 w/canopy
JD 4230, 4 WD, Cab
JD 850 D., 300 hrs.
JD 520 3 pt., PS
JD 60 PS, LPTO
JD 4400 G Combine
MF 175 D 8 speed
MF 135 G, PS
Oliver S 55 3 pt.
Howard Rotovator
NI 216 Spreader
NI 206 Spreader
NI 323 Picker

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

NEW FORDS: 555A TLB, 4 WD, cab, torque convertor; 555 TLB /cab, torque convertor; 4610SU; 5600 4 WD; 1510; 1310.
FORDS: 550 TLB, 382 hrs.; 4500 TLB; 3500 TLB; 3400 TLB; 5600 w/cab; 4600 w/cab.
USED: Ford 9600, 8000, 3000, 800, 8N; Kubota 225, 305; Int. 706, Cub, A Farmall w/loader, 2424 w/blade; JD 400 w/snow plow & mower.
CARS & TRUCKS: Scout w/Myers snow plow; House car, ideal for hunting camp, 27,000 miles, stove, refrig., sleeps 6; Ford ½ ton 1979; Ford 8000 Truck Tractor; Torro dump bed; Cadillac De Ville convertible.
IMPLEMENTS: Mathew's Chopper conditioner; NI 2 row Sheller; Ford mounted 1 row corn picker; NI 95 bushel manure spreaders; Brillion cultimulcher; Westgo stone picker; Ford Silage Blower 618; Ford 219 transport disc, offset 10' w/24" notched discs List Price $4,900. Special Price $3,000; Ford 240 transport disc, 10' 20" disks List Price $4,100 Special Price $2,500. AC corn picker, 14' rotary mower; Kasten spreader, 275 bushels; Uebler manure spreader.

HAY BUSTER DRILL
MOORE NO-TILL DRILL
FOR RENT OR SALE

STRALEY FARM SUPPLY, INC.
Farm - Industrial Equipment Sales & Service
Dover, Pa 17315
Ford IHC, Kubota, Woods, Bush Hog, Danuser, Little Giant
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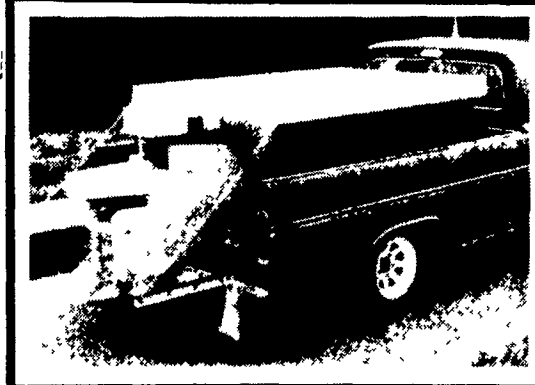
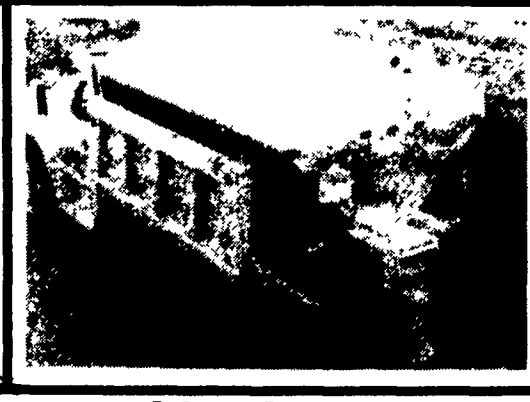
STOLTZFUS SALT and CINDER SPREADERS





Jr. spreader ideal for parking lots & close quarters
Self-contained, easy on & off

Slip-in spreader
Easy mounting
Hydraulic drive
Full control from cab

WE SERVICE SPREADERS
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P.O. Box 527 LF Morgantown, PA 19543
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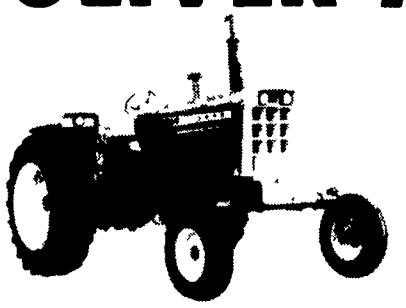
ATTENTION

OLIVER And WHITE TRACTOR OWNERS



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WE CAN GET YOU GOING

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WE HAVE AN EXCELLENT SUPPLY OF NEW, USED & REBUILT OLIVER TRACTOR PARTS
including
Rebuilt Wide Front Axle Assemblies, Hydra/Power Transmissions, Over/Under Transmissions, Starters, Generators, And Water Pumps. Reconditioned Engine Blocks, Crankshafts, Cylinder Heads, & Connecting Rods.

JUST RECEIVED FOR PARTS — OLIVER 770 DIESEL

NOW IN STOCK

REBUILT OLIVER 1650 DIESEL ENGINE
Complete (Direct Injection)

1 YEAR FULL WARRANTY

FARMERSVILLE EQUIPMENT INC.

RD 4, East Farmersville Road, Ephrata, PA 17522
Located in the Village of Farmersville, Lancaster County
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Mon. thru Fri. 8 AM - 5 PM; Sat. 8 AM- 1 PM

Bolens DIESEL TRACTORS

WHITE FARM EQUIPMENT

NH 354 Grinder Mixer, real good

NI #10 1 R. Picker, Real good

IH Reset Plows (4)-16s Model 700 Semi Mtd. Ato. Reset, Real Good

(1) NH 346 Tank Spreader Left Hand Delivery

(1) NH 30' Elevator w/C.H. & Motor, Good Shape

(1) 1830 Skid Loader, Excel. Cond. w/Grapple Hook

(1) 1737 Skid Loader, Excel. Cond.

Used NH TR70 Combine, Fully Equipped w/13' Grain Head, 6 RN Cornhead $23,000

PAUL SHOVER'S INC.
35 E. Willow Street
Carlisle, PA
717-243-2686

NEW ZETOR TRACTORS IN STOCK

10% Discount Sale till 12-31-84

(2) 70 h.p., 4 WD w/Cab	$15,000 ea.
(2) 70 h.p., 2 WD	$10,000 ea.
(1) 120 h.p., 4 WD w/cab	$28,000

MF TRACTORS IN STOCK

MF 1010
MF 1020
(1) MF 250
MF 1030
MF 1040

Lely pull type sprayer, 300 gal.
Allied Auger, 6x51, PTO drive
(4) Woods Dixie Cutters, 5' cut
(1) Woods T50 rototillers, 3 pt. hitch, PTO drive
Woods RM600, 3 blade, 6' cut
Woods 750 backhoe, 3 pt. hitch

USED EQUIPMENT

(1) Used C80 Woods mower, pull type, 6' cut
MF 410 combine, gas w/13' grain table, quick attach. head
Dearborn 3 pt. hitch, 2 btm. plow

WOODS
MF Massey Ferguson

R.W. KELLER SALES
RR2 Box 503
Ridge Road
Perkasie, PA 18944
215-257-0101
Out Of State Watts:
800-523-2549

HAY & FORAGE

Used Snapper Heads for forage harvestors. JD 1 row, NH 1 row for 770 & 782, NH 2 row wide & narrow for 890 & 892. IH 743 narrow row corn head. Used forage wagons, AC, Grove, Gehl, NI, IHC, NH and Lamco. Used short hopper PTO blowers. Wood & steel bale racks, Gehl 900 side dump forage wagon, flail choppers, NH 38, JD 16A like new, IHC #8 very good, IHC, JD, AC, NH pickup heads, Hesston #10 stak hand very good, Hesston #30 stak hand & stak mover. NI corn pickers one & 2 row w/husking beds & shellers. USED HAY BALERS: NH 273, 276, 269, 275, JD 336, JD 346, Hesston 4500, IHC 425-most w/throwers. USED ROUND BALERS: Hesston (2) 5800's, NH 850, NH 846 auto wrap like new, Ford 552. USED FORAGE HARVESTERS: Hesston 720, 2000-100, 2000-150, NH Super 717, 770 & 880. Gehl 99 short hopper blower, very good. Used regrinder, blowers, shellers, & McKee corn hog.

MISCELLANEOUS

JD 1550 3 pt. no-til power seeder, like new. Wood saws, wood splitters, 3 pt. Farmi log winches & 11' truck snow plow. Great Bend quick tach front end loader off Farmall 826, also fits various other tractors, Pick Stone Picker, AC, MF, JD, IHC Garden Tractors w/mowers, Dunham Lehr Loaders, GMC Power Unit w/PTO Clutch, JD and IH 2 row Potato Diggers, year round cab for AC 190 or 200, year round cab for JD 4020, NI 206 spreader like new, Bush Hog & Woods rotary mowers, dual wheels 34" and 38", Ford power units various sizes, Grove hyd. drive forage box, Starline silo unloader for 14' silo, like new, 6x20 Hay & Silage Feeder Wagons, 4x24 Hay Feeder Wagon.

MANURE SPREADERS

Better Bilt 1500 gal. liquid spreader, Ground drive 75 & 95 bushel, NI & Int'l. NI 213, 165 bushel manure spreaders w/wood side & floor avail. w/single beater or flail element. NI 206 95 bushel ground drive manure spreader. NI tandem 245, 375 bushel manure spreader. JD 465 barrel hyd. slide top. Starline 830 Roto spreader hyd. top. Martin 3,000 gal. tandem liquid spreader.

USED TRACTORS

AC 7045 w/cab, 7040 w/cab, 7030 w/cab, 7000, 190XT w/cab, 160, 6060 w/loader, 5040 w/loader, D17 gas & diesel, D15, 170 w/loader, B, C, AC D12 w/fact. 3 pt. hitch.
FORD 3600 D w/factory cab, 800, 600, 8N.
MASSEY FERGUSON MF 275 w/cab, 175 D, 135, 35.
JOHN DEERE 4020 diesel power shift, 3020 diesel, 2640, 2440, 720 diesel, wide front, 530. 3020D side console, 2510D.
IHC Farmall 966 w/cab, radial tires, exc. condition, 706, 404 w/loader, 140 w/cultivator, Farmall 140 w/Loader, 100 high clearance, M, H, Super A w/highway sickle bar mower. 3 used Cubs w/belly mowers. Super MTA, very good.
KUBOTA 225 tractor w/cab.

INDUSTRIAL

AC HD3 Crawler Dozer, JD 350 B crawler dozer 6 way blade, Cat D4D dozer direct start. Used AC 840 articulated payloader, one & one-half yard bucket, Case 530 tractor loader backhoe, 615 Tractor Loader, JD 440 Log Skidder, (2) AC 715 tractor loader backhoe, AC 706D forklift 14' mast, JD 24A diesel skid steer loader, Bobcat skid steer loader, 610 gas & diesel, 520, NH 775 skid steer loader, Used 6 and 9 ton Tag Along trailers, 1 Ton Paving Roller.

— SPECIAL —
New Farmhand Grinder Blower
Model #132Y2
w/Hyd. Cross Conveyor
Lists at $8450
1 only at $4995

MARSHALL MACHINERY INC.
5 Miles East of Honesdale, Pa.
NE Corner of Pennsylvania Rte 652
717-729-7117
SALES & SERVICE
for AC, KUBOTA, HESSTON, BRILLION, STARLINE, NEW IDEA

MF Massey Ferguson

M.M. WEAVER & SON, INC.
Leola, PA 17540 (717) 656-2321
Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

NOTICE

Our prices on the following combines include warranty, delivery, low rate financing or waiver, and a fair price considering trade-ins. We will adjust these prices DOWN if you want to buy without all these benefits.

USED COMBINES

SPECIAL MONEY-SAVING FINANCING

Buy now & finance with MF at a low 9.9% APR... or choose waiver of finance charges to Dec. 1, 1984 on selected used combines.

- 1982 MF 540 . . . $24,500
- 1980 MF 760 Hydro V8 with 15 ft. Grain Table and Grain Saver . . . $52,000
- 1978 MF 760 Hydro . . . $31,000
- 1978 MF 550 Hydro Diesel with 4 Wheel Drive . . . $36,000
- 1977 MF 750 Hydro with Grain Saver . . . $26,000
- 1976 MF 750 Hydro with Chopper . . . $27,000
- 1975 MF 760 Hydro V8 . $24,000
- 1975 MF 750 Hydro . . . $22,000
- 1975 JD 3300 Diesel with 13 ft. Grain & 2 Row Corn Head $17,500
- JD 343 Corn Head 3 Row 30" . . . $3,000
- 1975 MF 510 Diesel . . . $17,000
- 1975 MF 760 Hydro V8 . $24,000
- 1974 MF 760 Hydro 6 Cyl . . . $22,000
- 1973 MF 750 Gear Drive with Grain Saver . . . $24,000
- 1973 MF 760 Hydro 6 Cyl . . . $21,500
- 1972 MF 510 Diesel Gear Drive . . . $9,500
- 1972 MF 510 Diesel Gear Drive . . . $10,500
- 1972 MF 300 Gas . . . $8,500
- 1972 MF 510 Diesel Gear Drive . . . $12,500
- 1971 MF 510 Diesel . $12,500
- 1970 MF 510 Diesel . . $10,500
- 1970 MF 510 Diesel . . $12,500
- 1969 MF 510 Diesel $11,500
- 1968 MF 510 Diesel . . $8,000
- 1968 MF 510 Diesel Hydro . . . $12,500
- 1968 MF 410 Gas . . . $5,000
- 1966 MF 410 Gas . . . $2,500
- 1966 MF 510 Gas with Floating Cutter Bar . . $4,800
- 1965 MF 410 Diesel . . $4,500
- 1974 MF 300 Gas . . . $8,700
- 1964 AC CII Gleaner with Corn & Grain Head . . $4,500
- 1960 AC A Gleaner . . . $1,500
- JD 45 with Corn Head . . . $1,500
- IH 303 with Grain & Corn Head . . . $1,500
- MH 82 with 10 ft. Grain Head . . . $1,200

Above Combines Include Grain Tables Less Corn Heads 61 Corn Heads in 2, 4, 6 and 8 Row Size

- New Idea 2 Row 30" Pull Type Picker Sheller . . . $5,500
- NI 2 Row Corn Sheller for Farmall M Tractor

USED TRACTORS

- MF 4880 . . . $55,000
- MF 1100 Diesel . . . $5,500
- MF 298 Dsl., 80 HP, Like New . . . $16,000
- MH Pony Cultivator& Plow . . . $2,000
- Farmall M. . . . $1,800
- Uni 701 Uni w/Combine, 11' Grain Head & 2 Row C H
- Oliver 770 Trac . . . $1,700

NEW EQUIPMENT IN STOCK

- **Century Sprayer**
- **York Blades**
- **Farmhand Rake**
- **Glenco Field Cultivator**
- **Dunham Cultimulcher**
- **MF auto reset 3 pt. 3x16" plow-special price $2,500**

USED EQUIPMENT

- Glenco 9 tooth soil saver. $6,700
- White 216 plow . . $575
- Oliver grain drill
- Kewanee 18' hydraulic wing disc . . . $3,200
- Fox 900 1 row harvester, like new . . . $2,250
- NH 8 Forage Wagon
- NH 707 Harvester . . . $1,400
- JD 1 row corn binder . . . $600
- IH 710 Spring Trip 6-16 Plow . . . $2,500
- NH 278 Wire tie Baler
- Stanhay seed planter . . $800
- MF 345 416 spring trip plow . . . $1,700
- MF 82 416 spring trip plow. . . . $600
- MF 3 pt. fork lift . $700
- MF 730 offset 13' disc $3,500
- Ontario 16 grain & fertilizer drill . . . $900

1500 gal. Tank Will Load in Approx. 1½ Min.

✓ Check These Outstanding Features on the SLURRY BUGGY

A small liquid manure spreader that loads and unloads and has no chains, bearings, fans, augers, or moving parts that touch manure.

- ✓ Tanks are made of 5/16 thick metal
- ✓ Large air cooled vacuum pumps Option: (350 cfm @ 15HG)
- ✓ Pump has not only a primary trap but also a large secondary moisture trap and air precleaner.
- ✓ Rear loading valve is a hydraulic operate taped 6 in. brass piston valve

Buy Direct & Save Prices!

Year's End Special SAVE $500 On Spreader Purchased w/Plow Down

Model 1500 Gal. $5,625
Model 2900 gal., Tandem Axle $7,550

For More Information, Call or Write

SLURRY BUGGY EQUIPMENT
RD 2 Box 148 717-859-3869 Ephrata, PA 17522

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

ANNOUNCING

WAIVER OF FINANCE CHARGES TO APRIL 1, 1985 ON NEW JOHN DEERE

Front Mowers (models F910-F930)
Lawn/Garden Tractors (models 210 through 430)
Compact Utility Tractors (models 650 through 1050)

$AVING$ PILE UP

When you buy your fall cleanup equipment from John Deere

SAVE 15%

Power Blowers

Power blowers whisk away leaves, debris, light snow with no effort Backpack or hand-held models are gasoline powered, easy to operate

OFFER EXPIRES NOV. 24, 1984

Save 15% on any chain saw in stock

Twelve models — 27 9 to 78 6 cc s All have sprocket-nose guidebar 12 to 27 inches long Automatic oiler Counterbalanced crankshaft Most models also have an isolated engine for operating comfort and a throttle-trigger interlock system

OFFER EXPIRES NOV. 24, 1984

GET THE CUTTING EDGE

Buy Any Saw Chain at our Regular Price Get a Second Chain for only $1 Dollar

OFFER EXPIRES NOV. 24, 1984

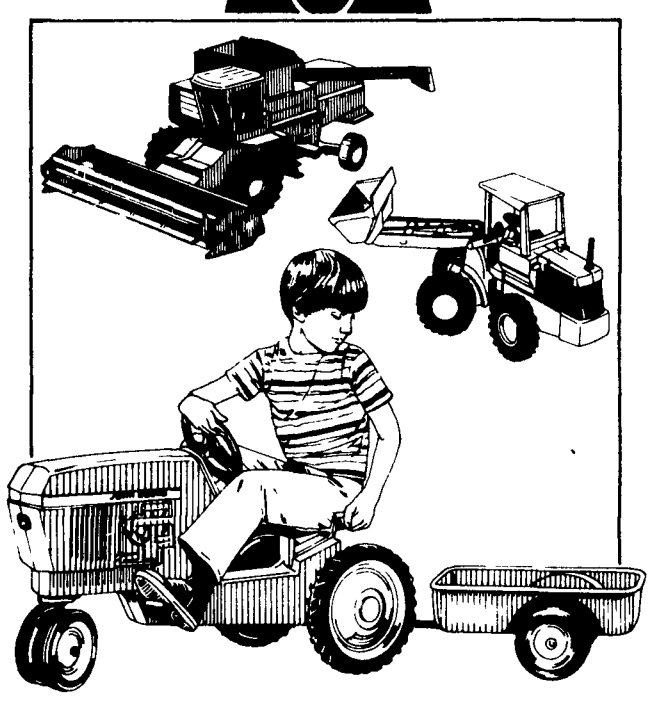
USED COMBINES

Used combines now approved for waiver of finance charges to September 1, 1985 corn/soybeans - June 1, 1985 - Small grain - JDFP -

1980 MF 750 COMBINE, dsl., cab, 13' platform and
1980 MF 1163 "6R 30" CORN HEAD
$36,500

1980 JD 4420 COMBINE, dsl., cab
and
1980 JD 213 13' FLEX PLATFORM
$33,500

Give toys that build a world



Instead of giving "toy entertainment," let your child step into the world of John Deere toys. Authentic replicas of the real thing, these toys work magic with everyone. They plant, sow, cultivate and harvest. They build cities, shape and reshape the land. They dash across snow, fell trees, and build treehouses. They put to use that often-neglected part of the mind known as the imagination. John Deere toys are scale-model reproductions with moving parts, authentic details and design. Choose agricultural, industrial, or lawn and garden tractors; a radio-controlled tractor, and more Come in soon for the best selection.

CHECK OUR SPECIAL LOW PRICES

USED EQUIPMENT SAVINGS

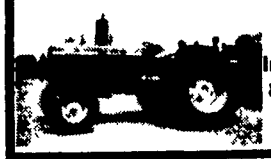
Our Good Prices Become Great Deals

Our Selection of Used Tractors Announcing! Finance charges are now waived to March 1, 1985

JD 2940 MFWD, Cab w/Leon HD Loader	DEUTZ 6807A Dsl., Cab, MFWD, AM-FM, tape
JD 2640 w/Roll Guard and Enclosure	IHC 1066 w/Cab
JD 2440 Dsl.	IHC 806 Dsl.
JD 1530 Dsl.	IHC 254 Diesel
JD 4320 S/R, WFE	Ford 6000
John Deere 4020 P/S Dsl., WFE	Kubota B7100 4WD w/Loader
JD 3020 Dsl., Steel Wheels	MF 65 Dsl. Row crop
JD 2510 Gas	Case 1210 Dsl. WFE, 12 Speed Power Shift
JD 2010 RU Dsl.	
JD "A"	

JOHN DEERE 2640 TRACTOR
Rollguard w/Weather Enclosure Sngl. Hyd. Control, P/A 16.9-28 Tires
Priced at **$15,500**

JOHN DEERE 1530 DSL TRACTOR
Live PTO
Priced at **$7,500**



JOHN DEERE 2440 TRACTOR
Ind. Live 540-1000 PTO, Sngl, Hyd. Control 8 Pos. Cast Whl., H.D. Straight Front Axle
Priced at **$12,950**

KUBOTA B7100
4WD Hydrostatic Tractor w/Loader
Priced at **$5,750**

JOHN DEERE 2940 TRACTOR
80 HP, MFWD, Cab, w/LEON H.D. Loader
Priced at **$36,000**

DEUTZ 6807A TRACTOR
Dsl, 1981, Cab, MFWD, Radio
was **$16,900**
Reduced to **$15,900**

USED JOHN DEERE 700 GRINDER MIXER
1000 PTO, Auger Feed

USED JOHN DEERE 567 WHEEL RAKE
Good Condition
$950

USED NEW IDEA 206 GROUND DRIVEN MANURE SPREADERS
w/Stl Whls.

USED JOHN DEERE 1064 WAGON GEAR
w/Hyd. Dump & Grain Box

USED IHC 254 COMPACT UTL DSL
w/New Woods Rotary Mower

USED JOHNSON 30 HYD LOADER
w/JD 950 Mtg.
$750

USED YANMAR 50" TILLER

USED CORN PICKER
New Idea 323 1 Row
Used 175 Acres

OLIVER RECUTTER & BLOWER
1,000 RPM Drive

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

Combine Int. model 93, 2 row corn head, 10' grain head, decent for smaller acreage. ~~SOLD~~ $1,250
1600 series Int. truck, 16' flat twin piston dump, steel floor & front bulk head, V8 engine, electric 2 speed rear, looks & runs real good. $4,950
CRANE EQUIPMENT
215-498-2604

USED TRACTORS
USED TRACTORS
1978 AC 7000 w/Cab & Air
1978 Case 1845 Skid Loader, Gas Engine, Ex. Cond., New Short Block
1976 Case 1845 Diesel Engine, Complete Overhaul, Ex. Cond.
1980 Case 1845 Diesel, Ex. Cond.
USED TRACTORS
Vernon E. Stup Co.
5859 Urbana Pike
Frederick, Md. 21701
301-663-3185
USED TRACTORS

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S.G. LEWIS AND SON, INC.
352 N. Jennersville Rd., West Grove, Pa.
215-869-2214 or 215-869-9440
SPECIALS ON NEW SPERRY NEW HOLLAND EQUIPMENT - 2-YEAR WARRANTIES
NH 311 Baler w/NH 70 Thrower $10,100
NH 791 Spreader w/Splash Guard, Endgate, Fine Manure Pan $6,650
NH 472 Haybine $6,500
NH 892 Chopper w/NH 824 Corn Head
NH 1600 Harvester w/4 Row C.H. & Pickup
NH 782 Harvester w/Manual Controls
NH L35 Skid Steer Loader for Rental
NH 38 Crop Chopper $3,975
NH 28 Blower $2,973
NH 238 Wagon $2,050

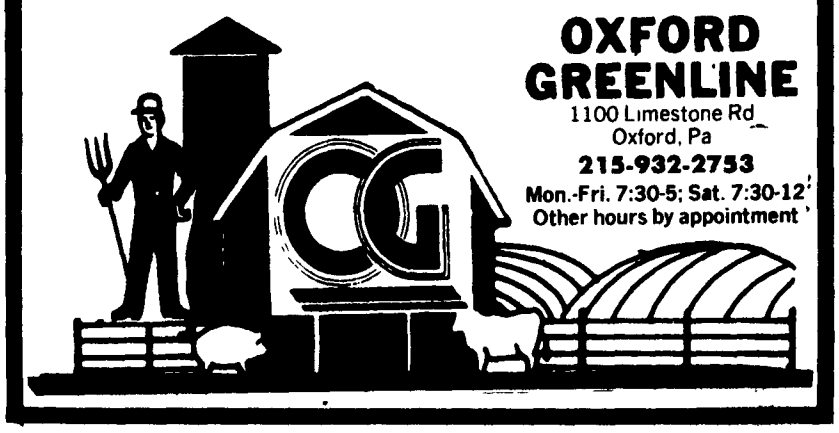
DEPENDABLE MOTOR CO.
East Main St., Honey Brook, PA.
215/273-3131 or 215/273-3737
Pittsburgh 4B 18" Semi Mtd Auto Reset Plow $5275
Pittsburgh Field Cult., 12' $1,295
Hutchmaster Disc 22x¼" blades D.O.T Flex Gang 5600 lbs. $6200
Dunham 3 Bar 8 Tooth Chisel Plow Spring Loader 32" Shanks $1695
Dunham 8' & 10' Cultipackers ..... Special Prices
USED EQUIPMENT
Hesston PT10 Haybine
NH 467 Haybine
NH 315 Baler
NH 273 Baler
NH 272 Baler
NH 28 Blower
NH 717 N2 Corn Head
NH 258 Rake
NH 717 Pickup Head
Case 4B Plow
NH 717 Harvester
Little Giant 40' Elevator
McCurdy Grain Bin
Roskamp Roller Mills
Butler Oswalt 1830 Ensilmixer
DEALER FOR
BUTLER® | Livestock Systems
NEW HOLLAND
TERRE HILL SILOS
HUTCHMASTER

USED TRACTORS
Case 1290 Diesel
Ford 4000 Diesel
Ford 8N w/Loader
JD A Cyclone, Rollamatic
JD 70 Diesel
JD 720 Diesel
JD 420 w/Cab
(2) JD 60
Farmall Super C, Fast Hitch
Farmall Super H
(3) Farmall H's
(1) MF 50 Gas
Oliver Hart Parr 15-28 Rating
Huber
HAY & FORAGE EQUIPMENT
NH 273 Baler w/Thrower
NH 269 Baler w/Thrower
OTHER
NH 24 Ft. Elevator
NI 42 Ft. Elevator w/3 HP Motor
R. IVAN MACKNAIR
RD #5 Box 303
Lewistown, Pa. 17044
3 Miles East of Vira on Old Stage Rd.
717/543-5192

ON OUR LOT TODAY... ON YOUR FARM TOMORROW

See us about immediate delivery on Used Equipment

4440 JD Tractor, excellent condtion, low hrs., sound guard cab, power shift trans.
2640 JD Tractor, excellent condition, hi-low trans., 38" tires.
2630 JD Tractor, good condition, hi-low trans.
1586 IH Tractor, dual 20.8 x 38 tires w/ cab, air conditioning and heater.
H IH Tractor, good condition.
6650 Fox self propelled harvestor w/ 4 wheel drive, 3 row head and 5½' pickup.
791 NH Spreader w/ hydraulic endgate and new apron chain.
(1) 6600 JD diesel combine
(1) 7720 diesel combine w/ 4 wheel drive
(1) 643 corn head
(1) 444 corn head
(1) 213 flex platform
(1) 215 rigid platform
127 JD Flail shredder, repro., excellent condition
Financing Available
Waiver on All Seasonal Equipment
Until First Month of Use Season



OXFORD GREENLINE
1100 Limestone Rd
Oxford, Pa
215-932-2753
Mon.-Fri. 7:30-5; Sat. 7:30-12
Other hours by appointment

CHAMBERSBURG FARM SERVICE, INC..
975 S. Main St. Chambersburg, PA
(717) 264-3533
OMC | AVCO NEW IDEA | Badger

USED TRACTORS
IH 454 w/1100 Hrs
IH 826 Hydro
IH F 706 G (Overhauled)
IH F 656 G w/Cab (Overhauled)
IH F 340
IH 154 w/Mower
IH 1 504 w/NI Loader
IH Super C
IH Super A
IH H
IH F 450
IH Cub
JD 620
JD 2010 G
Hydro 84

BALERS
IH 47 w/Thrower
Hesston 10 Stacker
BLOWERS
Badger TA 54
IH 56
NH 27
Fox 660
Hussler 56
Gehl 99
Dion 56
COMBINES
IH 810 13' Platform
IH 303 w/Cab
IH 715 w/Cab
IH 205
PLANTERS
IH 400 4 Row
IH 56 4 Row
IH 56 2 Row
Ferguson 2 RW 3 pt
JD 7000 6 Row w/No Til
CULTIVATORS
IH 4 R Mtd 560
Case 2 R Mtd SC
Oliver Rotary Hoe 3 pt
MF 14' 3 pt Rotary Hoe
MOWERS
NH 451 7'
Oliver 7' Mower
IH 222, like new
JD 5 Sycle
MF Dyno Balanced
NH 46 Sycle
WINDROWERS
NI 270 Cut/ditioner
IH 1190 Windrower
IH 8 Flail Chopper
NH 33 Flail Chopper
Bearcat Flail Chopper
JD Hay Tedder
AC 904 9'
Gehl 108 9'
IH 5000 w/Cab
Hesston PT10 Mindrower
BARN EQUIPMENT
Badger Barn Cleaner
Badger 24' Silo Unloader
Silo-matic 24' Silo Unloader
Silo-matic 14' Silo Unloader

PICKERS
NI 10 1 Row
IH 234 Mtd
NI 314 Sheller
GRAIN DRILLS
IH 5100 20x7, Plain
Moore No Till
Tye No Til 80"
LOADERS
IH 2350 Fast Attach
IH 2050 A
NI 502
NI 506
Kwik Way (IH 284)
Hydro-Mac 10 Skid
HARROWS
Rhino 83 Disc 10'
Brillion 10' Cultipacker
IH 47 Disc 13'
Perry 12'
JD 12'
JD WRA 13' Disc
Nemyer 3 pt Harrow Tiller
SPRAYERS
Demco 500 gal
Johnson 300 gal
Century 300 gal
Oliver 200 gal
PLOWS
IH 720 5x20
IH 450 3x16
Oliver 565 4x16
Oliver 3x14
IH 209 2x14
JD 345 4x16
Brady 9' Chisel Plow
Brillion 3 pt 7' Chisel
IH 450 4x16
2 Bottom Trail Plow 12'
MANURE SPREADERS
Badger 1500 Gal Vacuum Tank w/Injectors
NI 218
NI 224
NI 213
NI 212
NH 790
Hawk Bilt 357
GRINDER MIXERS
IH 1250 w/Scales
IH 1150 w/Scales

RAKES
Farmhand Whl Rake
NH 57 R 3 pt
Vicon Turner
Tonutti Whl Rake
Vicon 4 whl rake 3 pt hitch
FORAGE HARVESTERS
Gehl 600 2RN+P
Fox 2000 2RN+2RW
JD 38 2 RW
Fox 502 2 Row Snapper Head
Fox 3000, 3 RN Head & PU
IH 555 1R w/Hay PU
IH 555 2 RW+P
Fox 1000 2 RW+P
Fox 546 2 RW+P
Fox 249 Snapper Head
Gehl 72 Flail Chopper
Fox 2 Row Narrow Corn Head
WAGONS
(1) Grove wagon, hydro drive, rear unloading
IH 51 Wagon w/140 Gear
Badger 16 Tandem Axle
Badger Tandem Running Gear
Gehl 912 16' Forage
Grove 14+16' Forage
Vandal 180 Mixer Wagon
Clay 14' Forage Box
8 Ton Wagon Chassis
Badger Forage Wagon
UNI EQUIPMENT
NI 737 Husking Bed, Picked 16 Acres
708 Hydro
767 Super Chopper
744 N 4 RN Head
NI 717 Combine
NI 710 Combine
NI 734 3 RW
844 W 4 RW Head
740 Feeder House
729 A Sheller
709 Hydro 4 WD
COMING IN . . .
Starline Tank Spreader
Oliver 73H 2R Corn Picker
JD 16A Flail Chopper, Nice
Rhino 76 Disc, Very Nice
JD 66
4 WD Willies Jeep
JD 425 Offset Disc, Sharp
IH #8 Flail Chopper, Nice
IH 510 18x7 Drill w/DDO
NI #7 Picker

MELROSE FARM SERVICE
Greencastle, Pa. (Second Location) 717-597-3138

BARGAIN OF THE WEEK!

NEW CASE 2090 DEMO TRACTOR
Cab, Air, 20.8x38 Rear Tires
Cash Price **$28,695**

More Specials . . .

NEW 1190 CASE TRACTOR 43 Horsepower	Cash Price **$10,500**
NEW 2094 CASE TRACTOR No Cab, 110 HP Rating	Cash Price **$28,700**
NEW 1845 B CASE UNI-LOADER Diesel, 73 Inch Bucket	Cash Price **$16,545**
NEW CASE 1835 B UNI-LOADER Diesel, 60 Inch Bucket	Cash Price **$12,775**
USED GEHL 2500 SKID LOADER Gas, 1 Bucket	Reduced Price **$3,200**
HESSTON STAK HAND 10 Ready For Fodder, 1 Only	Reduced Price **$3,400**
(2) JOHN DEERE 4020 TRACTORS Cab, PS, 1 With Side Console, 1 w/Turbo	Choice **$10,800**
USED MF 1137 TRACTOR 20.8x38 Rear Tires, New Overhaul, 145 HP	Now Only **$9,700**
USED HESSTON 5540 ROUND BALER Ready For Fodder	Now Only **$5,500**

NEW 1390 CASE TRACTOR - 60 HP
$12,650 or BEST OFFER!
Must Move . . . Give Us A Call On This One!!

case GEHL HESSTON SAME

STOUFFER BROS. INC.

1066 Lincoln Way West, Chambersburg, Pa
Phone 717-263-8424

INTERNATIONAL HARVESTER

USED COMBINES

Int. 1420 w/700 hrs.
Int. 205 w/2 heads, nice
Int. 125 w/Grain Head
Int. 715 Diesel w/4 row narrow head, nice
JD 7700 w/2 heads
MF 750 w/grain head

USED TRACTORS

Allis Chalmers WD
Ford TW 10 w/1425 hrs.
Case VAC MM 445 w/Loader
Int. 464 Gas, 400 hrs., ex. cond.

USED EQUIPMENT

900 Badger Blower
Int. 3 pt. #5500 Chisel Plow
Huff Pay Loader
NH #518 Manure Spreader
Int. 510 Grain Drill 16x7 combination S.D., Nice
Int. 400 Syclo 4 Row Corn Planter
Ontario Hoe Drill

NEW GEHL EQUIPMENT

960 Forage Box w/roof
1540 Forage Blower
3510 Skid Loader
#100 Grinder Mixer
#2330 Disk Mower Conditioner
#1460 Combine In Stock Now

International Axial-Flow Combines

Four sizes to meet your needs

They're the world s most advanced line of combines Because a rotor replaces the conventional cylinder and troublesome straw walkers Threshing and separating are more thorough there are fewer cracked kernels and, there is less downtime and fewer repairs

Four models .13 to 30 foot platforms

- 1420—124 hp diesel engine and 125 bu grain tank
- 1440—135 hp diesel engine and 145 bu grain tank
- 1460—170 hp diesel engine and 180 bu grain tank
- 1480—210 hp diesel engine and 208 bu grain tank

Finance plans available

Eckroth Bros. Farm Equipment

RD 2 Box 24A, New Ringgold, PA 17960
717-943-2131
7:30 - 5:30 Mon.-Fri. 7:30-4:00 Sat.

Swope & Bashore, Inc.

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OPEN MONDAY TO FRIDAY
8 AM To 5 PM
SATURDAY 8 AM to Noon

RD 1, Myerstown Pa
Located 1 Mile S of Int 78 & 6 Miles
N of Myerstown on Rt 645 in Frystown
PHONE 717 933-4138

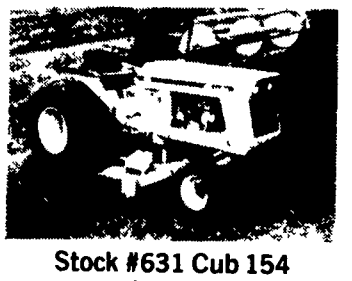
IN PA – CALL TOLL FREE – 1-800-692-7467

Stock #3656 IH F826D with Turbo, 105 Hp, Tricycle, TA, 3 Pt. Hitch

Stock #2858 IH F966D, TA, 3 Pt. Hitch, Wide Front

Stock #3832 JD 2440 w/JD 146 Loader, 1982, Very Good

Stock #3679 IH 234 4 Wheel Drive, 144 Hrs., Excellent



Stock #631 Cub 154 Lo-Boy with IH 3160 Mower

USED EQUIPMENT

Tractors
Cab for 966 or 1066 Farmall H
Farmall M
IH Farmall 656 D Hydro
IH I-544 Gas
IH F460D
IH F826D
IH 234D
JD 1010
JD 2440 w/Loader
Oliver 70

Plows
IH 211 Plow
IH 311 2 Pt.
IH 312 Plow
IH 450, 3F Plow
IH 531 Plow
IH 560 Plow
IH 550 Plow
IH 3F Mtd. Disk Plow
IH 5500 Chisel Plow, 7 Ft., 2 Rank
AC 2-Way For Model B
Case 4F 16" Plow

Combines
SP IH, Model 205 Corn & Grain
SP IH #91
SP MF #35
NI 710 Uni Combine
NI 725 Cornhead
IH 743 Cornhead
IH 810 13-ft. Header
JD 45 w/2 Row Cornhead and 10 Ft. Grain Head

Tillage
Waiver to 3/1/85
IH 8 Ft. Disk
IH 9A Disk
IH 45 Vibra Shank, 18½'
IH #24 Offset Disk
Oliver 36 Disk
Ford 12' Disk
Brillion 16' Cultipacker

Skid Loaders
Bobcat 543
Bobcat 600
Bobcat 642
Bobcat 700
Gehl 3000
Dunham

USED EQUIPMENT

Lawn & Garden Tractors
IH Cub 154 Lo Boy w/mower
IH 125 Cadet w/Mower
IH 147 Cadet w/Mower
IH 122 Cadet w/Mower
IH 782 Cadet w/Mower
IH Cadet 80
IH 60 Riding Mower
Case 80 Riding Mower
MF 7 w/Mower
MF 12 HP w/Mower
AC B10 w/Equipment
JD 110 w/Mower & Snow Blower
Ford LT75 w/Mower
Bolens 14 H.P.
Wheel Horse 14 H.P

Planters
IH 400 Cyclo 4R
JD 1250 6R
IH 510 Drill
IH 449 4R
IH 56 2 Row
IH 56 6 Row
Vicon 600 Seeder

Forage Equip.
Dion Model 60 Blower
JD #6 For. Harvester
IH 350 For. Harvester
IH 550 For. Harvester
IH 650 w/2 Heads
IH 830 Harvester
Grove 14' For. Box
IH 56 Blower
Gehl 99 Blower
Badger Blower
NH 23 Blower
AC 7' Mower For Model B
IH 110 Mower
IH 990 Mow. Cond.
IH 420T Baler w/Thrower
IH 430T Baler w/Thrower
IH 47 Baler
AC 303 Baler
Woods Rotary Mowers

Miscellaneous
200/300 Gal. Sprayers

Spreaders
NH 679
Hawk Built 187

IN STOCK

USED IH FARMALL 966 DIESEL TRACTOR

* Cab * Air Conditioning * Heater
* Dual Wheels * Wide Front Axle
* 3 pt. Hitch

INTERNATIONAL AGRICULTURAL EQUIPMENT

WOODS Division of Hesston Corporation OREGON, ILLINOIS 61061

Badger

bobcat

- Waiver of Finance Available On Most Used Equip. To Credit Qualified Buyers
- Visa, Master Card, IHCC Financing, Bank Financing.
- We Ship UPS or Mail Daily!

WENGERS INC.

LONG

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

1 MILE FROM LEBANON VALLEY AIRPORT

TRACTORS-COMBINES-CONSTRUCTION

COMPLETE RUNNING ENGINES
ALL FAN TO FLYWHEEL

AC 7000 301 Cu. In. w/Turbo - $4000
AC 220 - 426 Cu. In. - $4000 w/Turbo
AC 200 - $4000 w/Turbo
AC D19 - 262 Cu. In. - $2000 w/Turbo
Case 1070 - 451 Cu. In. - $3500
Case 1030 - 451 Cu. In. - $3500
IH 1066 - 414 Cu. In. - $4700 w/Turbo
IH 1206 - 361 Cu. In. - $4300 w/Turbo
IH 806 - 361 Cu. In. - $3700
IH 560 - 281 Cu. In. - $2200
IH 560 Gas - 263 Cu. In. - $1600
IH 856 - 407 Cu. In. - $4500
Ford 6000 - 223 Cu. In. - $1750
JD 4430 - 404 Cu. In. - $5000 w/Turbo
JD 4020 - 404 Cu. In. - $4000
Oliver 1800 - $2800
Oliver 1750 - 310 Cu. In. - $3500
MM G1000 Gas - 504 Cu. In. - $3000
Oliver 2150 - $4500 w/Turbo
IH Hydro 70 - 312 Cu. In. - $3400

LOTS MORE NOT LISTED

HAYBINES
NH 478 | IH 1190

TRUCKS
1970 Ford 900 Single Axle Construction Dump $7700
1977 Chevy Pickup $2750
1947 Ford Fire Truck $2950
1982 Ford Pickup . $6950
1981 Chevy Pickup $6950

BALERS
NH 315 w/Thrower
Ford 530 | Case 220
Extra Throwers | NH 66

WAGONS
Metal Bale Throw Racks
Flat Bed Wagons

HAY TEDDERS
JD-Grimm-Nickelson
Niemeyer

DUALS
18.4x34 MF
18.4x34 Snap On
20.8x38 Axle
18.4x34 Axle
18.4x38 Snap On

FORAGE WAGONS
JD 214 | NH 7
Fox 625 | Gehl

REDUCED $2,000

1974 WHITE 7300
13' Qt. Head, Pickup Reel, Floating Cutter Bar, Reel Lift, Clean, Original
ONLY $7450
3 & 4 Row Heads On Stock

HARVESTER HEADS

NH Pickup for 717-770-818-880-890
NH 1X Corn for 717-770
NH 2x30 Corn for 717-770
NH 1X Snapper for 770-717
NH 2x30 Snapper for 880-890
NH 3x30 for 880-890
NH Cutterbar for 880-890
JD 243 2x30 Snapper
JD 3x30 Corn for 38-3800
MF 3x30 for 260
JD 2x30 Corn for 38-3800
NH 2x40 for 880-892
JD Pickup for 38-3800
Fox 2x30, 2x40, 3x30 Snapper Head
Fox 2x30 Corn
Fox Pickup
IH 2x30 Corn for 50 thru 650
IH Pickup Head for 15-16-350-50 thru 650
IH Cutterbar for 50 thru 650
JD Pickup for 3940 or 5440
JD 34 Cutterbar
JD 2x40 for 38-3800
Gehl 3x30 Belted
JD 34 Pickup
NH 2x40 for 717-770
IH 3x30 Belted

HARVESTERS SELECTION

MF 260 w/3x30 Head
IH 550 w/Heads
Fox Super 1000 w/Heads
JD 38 w/Heads

EXTRA COMBINE GRAINHEADS

AC, K, E
JD 40, 45, 55, All QT
IH 91, 93, 105, 203, 205, 315, 303, 615, 815, QT
MF QT For All | Case 600, 660, 960
Oliver 525, 535, All QT | NH All QT

CLEAN COMBINES
Priced Reasonable

IH 82 Pull Type
JD 6600 Diesel Hydro
Gleaner "G"
IH 815 Hydro, Gas
IH 205
JD 3300 Diesel
IH 315
JD 3300 Gas
MF 750 Diesel
White 7300
MF 300QT
Gleaner "K"
IH 615 w/800 Head
Case 600

MAKE AN OFFER

USED PARTS

East Coast's Best Selection

JUST INSTALLED . . . WE HAVE NATIONAL COMPUTER PARTS LOCATOR SERVICE

(100) COMBINES - DISMANTLED FOR PARTS
JD 7700-6600-4400-3300-95-55-45-40-12A-42
IH 815-615-315-403-303-203-205-105-101-93-91-141-127-64-76
MF 760-510-410-300-92-72-35-26-Clipper-60
Gleaner CII-EIII-A-E-60-F
Uni 705-704-702-701-710-Etc.
Case 960-660-600
NH 975-985
MM 4296-Oliver 525-535 Over 100 Corn & Grain Heads For Salvage

(100) HARVESTERS - DISMANTLED FOR PARTS
JD 38-35-34-12-8-6
IH 650-550-55-59-350-16-15
Fox 2200-2000-1000-546-FA
NH 890-880-818-800-S717-717-616
Gehl 600-300-188-84-83
Case 300
Ford & Papec

PICKERS - DISMANTLED FOR PARTS
NI 331-311-305-10-7-323
Ford Blue 1 Row & 2 Row
JD 237-227
Woods
IH 2MHD-2MH-2ME-234

HAYBINES - DISMANTLED FOR PARTS
IH 225-201-990 | OMC 29-25
Hesston PT10 | NH 490-460-479
JD 480 | Case 950

CONSTRUCTION - DISMANTLED FOR PARTS
AC HD3, HD4, HD5, HD6, 1600, 655, 816
Case 310, 320, 350, 530, 580, 680, 580B, 1000, 420, W3
Cat D2 5U
Cat D4 7U, 6U
Cat 933 11A, 42A
Cat 955H 60A
Cat 977 20A
Ford 4500-5500
IH TD6, TD9, TD14A, T6
IH 340, 100C, 125C, 175C, 500
IH 350, 3444, 3400, 3600
JD 40, 420, 430, 440, 350, 450, 1010, 2010
JD 440A, 540, 540B Skidders
JD 544B Loader
JD 300, 400, 500, 1010, 440
Oliver HG, OC3
MF 202, 302, 200

(50) BALERS - DISMANTLED FOR PARTS
JD 336-214T-24T-14T
MF10
NH 280-271--269-78-69-68-67-66-77
AC 303
IH 57-47-37-27-55-45
Case 230-200
Oliver 720
Ford 530

LOTS OF OTHER ITEMS NOT LISTED

FARM TRACTORS THAT HAVE BEEN DISMANTLED FOR PARTS (Over 2000)

AC. 7000- 220-210-200-D21-190XT-190-D19-D17-D15-D14-D12-D10-WD45-WD-WC-G-CA-C-B-Etc.

Case: 1070-970-770-1030-930-830-730-630-530-430-800 Series-700 Series-600 Series-500 Series-400 Series-300 Series-200 Series-DC-SC-VAC-LA-990-880-Etc.

Ford: 9600-9000-8000-7000-6000-5000-4000-3000-2000-900-800-700-600-NAA-Major-Dextra-8N-8N-Etc

IH: 1466-1066-856-756-666-656-1206-806-706-606-660-574-454-464-444-560-460-544-504-424-404-450-400-B414-B275-350-300-240-230-200-140-130-100-Super A-Cub-154 LowBoy-Super C-A-B-BN-C-H-M-MD-MTA-W4-W6-W9-Etc.

JD: 4430-5020-4520-4020-3020-2520-2020-5010-4010-3010-2010-2510-1010-435-830-730-630-530-430-820-720-620-520-420-80-70-60-50-40-MT-M-R-G-A-B-H-Etc.

MF: 1130-1100-1080-180-175-165-150-135-Super 90-85-65-50-40-35-30-20-Etc.

Long: 560-460-445-360-350-Etc.

MM: G1000 Vista G1000-670-302-445-335-5 Star-4 Star-3 Star-2-UB-U-Etc.

MH: 444-44-33-101-30-22-Junior-Pony-Etc.

Oliver: 1950-1850-1755-1750-1650-1550-1800-1600-880-770-660-99-70-60-88-77-66-550-55-Etc.

PARTS CALLS TAKEN 7:30 AM to 5:00 PM WEEKDAYS
7:30 AM to 12:00 NOON SATURDAY
Phone 717-866-2135 (Please, No Calls After Hours)
PROMPT SHIPMENT — CASH SALES ONLY

OVER 100 ON STOCK

COMBINE CORNHEAD SPECIALS

AC 2 Row for A, E, K, E^{III}, F - From $500
AC 3 Row for A - $2500
AC 4 Row for G, C, C^{II}, L, M, F - From $750
AC 6 Row for C, C^{II}, G - From $2500
JD 2 Row for 40, 45, 55, 95, 3300, 4400 - From $200
JD 3 Row for 45, 55, 95, 3300, 4400
JD 4 Row for 105, 4400, 6600, 7700, Etc. - From $850
JD 6 Row for 6600, 7700, Etc. - From $5950
IH 2 Row for 91, 93, 105, 203, 205, 315, 303, 403, 615, 715 - From $350
IH 3 Row for 203, 205, 315, 403, 715, QT - From $850
IH 4 Row for 403, 715, 815, 915 - From $1000
IH 6 Row for 815, 915 - All QT - From $3500
MF 2 Row for 300, 410 - From $200
MF 3 Row for 300, 410, 510 - From $1000
MF 4 Row for 410, 510, 750, 760, Etc. - From $1500
MF 6 Row for QT - $3000
Oliver 2 Row for 25,525 - From $250
Oliver 3 Row for 525, 535, All QT - From $1000
Oliver 4 Row for 545, 555, All QT - From $1000
Case 2 Row for 600, 660 - From $250
Case 3 Row for 600, 660, 960 - From $1500
Case 4 Row for 1160 - $875
NH 2 Row for 975 - $1000
NH 4 Row for 975, 985, All QT - From $2000

MAKE AN OFFER

MUST REDUCE INVENTORY

Come Look, No Reasonable Offer Refused

WENGERS INC.

LONG

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

JOHN DEERE TRACTORS

A w/Widefront	$1575
(2) G	Choice $1575
B-Unstyled	$1575
730D-WF-Direct Ele.-Poor Cond.	$2400
720	$2450
720D-WF-3 pt.-Nice	$3500
R-New Paint	$3500
730D-Try-3 pt.-Direct Ele.	$3500
730D-Try-3 pt.-Direct Ele.-Sharp	$4250
820-2 Cylinder-Clean	$4250
4020D-Diff.-1967-As Is	$6200
650-4 WD w/Mower-200 Hours	$6500
4430-4 Post-20.8x38-1975	$7900
4520-Nice	$8800
4020 Diesel-Console-Clean	$9950
4230-4 WD-Cab-Quad-Excellent	$16,800
7520-4 WD-Nice-Air-3 pt. & PTo	$14,900
4320-4 WD	Coming in

FARMALL TRACTORS

H-Fenders-Clean	$1475
560 Gas-New Paint-As Is	$2500
340-Try-PS-FH-Nice	$2950
Cub w/5 Tools	$2950
350D Utility w/Loader & Plow	$3450
560-D-WF-FH	$3750
560D-Clean-Wide Front-FH	$4500
806D w/Cab	$5900
70 Hydro.-As Is	$5900
1206 w/Cab-As Is	$5950
806D w/Cab	$6500
1066 w/Rops-No TA-1974	$6700
656D-Hydro-Clean	$6950
856 w/Cab	$7950
826 w/Cab-Sharp-1900 Hours	$7950
1466-Cab-Nice-1971	$9700
584 Diesel-1980-1100 Hours	$9800
1466-Cab-Air-Nice-Weights-1973	$10,800
1066 w/Cab & Duals	Coming in

FORD TRACTORS

6000D	$2500
3000 Gas w/Loader	$5950
4400 w/Loader	$6400
5000D-1973-High HP	$6450
6600D-Flat Deck-1976	$8400
4600D-1981	$8900
6700D-1977	$9400

CASE TRACTORS

Vac w/3 pt. & Cultivator	$850
1070 w/Cab-As Is	$5450
1030 w/Cab-Clean-Low Hours	$5950
970D w/Cab-Sharp	$7950
1030D w/Cab	Coming in

ALLIS CHALMERS TRACTORS

D14 w/Loader-Nice	$3500
D19D-WF	$3500
D19D w/Loader	$3900
(2) 7000-As Is-Rops	$4900 ea.
7000-As Is-Cab	$5900
200-Nice-1973	$7850
220D w/Cab-Very Nice	$8950
200 w/Cab-1975-Low Hours	$8950

WHITE TRACTORS

1800D-WF-3 pt.	$3900
MM Super 670 Gas-Clean	$3950
MM G1000 LP-Clean-1900 Hours	$3950
Oliver 1750 w/Cab-As Is	$4950
Oliver 2150 w/Cab-Nice	$6950
1355 w/Loader-Sharp	$7950
1955 w/Cab-Very Nice	$8900
2-62-1980-Low Hours	$9900

MASSEY FERGUSON TRACTORS

30-Needs Tune Up	$1650
Ferg 20 w/Loader	$2500
Ferg 30 w/Loader-Nice	$3750
165 w/Loader-Gas	$5950
1080D-1969	$6900
1085D-1977	$7900
165 w/Loader-Diesel	$7950
1805 w/Cab & Duals-1975-Nice	$15,950

DEUTZ & LONG TRACTORS

Deutz 6806-Orchard Special	$6900
310 4 WD w/Loader	New
360 4 WD	New
460 4 WD	New

POTATO EQUIP.

Iron Age 2X Planter
1 Row Digger

TRANSPLANTERS

2 Row - Pull & 3 pt

FINANCING AVAILABLE WITH 20% DOWN - UP TO 5 YEARS

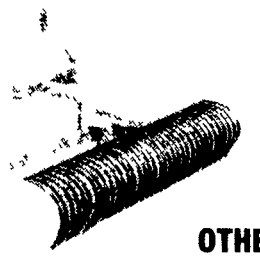
SPECIAL PRICES ON ALL NEW EQUIPMENT

ROTARY MOWERS

4' 3 pt.	$385
5' 3 pt.	$395
6' 3 pt	$645
7' 3 pt	$1395
4' pull.	$545
5' pull	$595
6' pull.	$795
7' pull	$1495
5' 3 pt. Estate-Hd	$1295
6' 3 pt Estate-Hd	$1395

3 PT. SCRAPERS, ETC.

6' Blade	$175
7' Blade	$195
8' Heavy Duty Blade	$595
6' Landscape Box	$495
7' Landscape Box	$595
6' Stone Rake	$495
7' Stone Rake	$550
8' Stone Rake	$595



3 PT. ROTOVATORS

52"	$1045
60"	$1095
72"	$1395
88"	$1695

MORE SIZES AVAILABLE

OTHER NEW BARGAINS

3 pt. Cement Mixers	$695
6½' 3 pt. Disc	$495
1 Row 3 pt. Cultivator	$95
3 pt. Potato Plow	$95
3 pt. Boom Pole	$79
3 pt. Boom Pole-H. Duty	$179
12" 3 pt. Post Hole Digger-H. Duty	$495
9 Tooth 3 pt. Chisel Plow	$495
3 pt. Seeders	$395
2 Axle 4 Ton Trailers	$1495
1200 Bushel Corn Crib	$895
3 pt. Hay Rakes-& Tedders	$495
6 Ton Wagon	$450
8 Ton Wagon w/Extra's	$550
10 Ton Wagon w/Extra's	$625
11 Ton Tandem Wagon w/Extra's	$895
3 pt. Woodsaws	$450

SPRING TOOTH HARROWS

JD 8' Drag | 12' 3 pt
11' Drag

CORNPICKERS

NI 324 w/12 Roll Bed
NI 324 w/Super Sheller
NI 325 w/Super Sheller
NI 325 w/12 Roll Bed
NI 323-Demo
(2) NI 323 - Used
NI 10 1X Pull

PLOWS

JD 145 4x16 Semi
JD 145 5x16 Semi
IH 4X Pull
IH 3x16 FH
MF 5X Semi
JD 1350 5x16 Semi
JD 3x16 3 pt. Trip
JD 2x16 3 pt. Trip
PITTS. 1x12" 3 pt
JD 1X Reset Add On
AC 3X SC
Oliver 2X 3 pt
Oliver 3x14 3 pt.
Ford 2x12" 3 pt
IH 1X FH
IH 4X Reset - Semi
IH 2X 1 pt. FH
IH 710 - 6x16
White - 4x16 Reset
White - 5x16 Reset
IH 1X Cub
IH 550 5x16 Semi
IH 710 5x16 Semi

CULTIPACKERS

Brillion 14' w/Transport
9' Sprocket Packer
Brillion 12' Mulcher
Brillion 10' Packer
Brillion 12' Packer
Brillion 16' w/Transport

LOADERS

MF Off 165
Loader Off AC D19
IH 34 Off 340 Utility
Ford Off 8N
Freeman Of 880 Brown
IH 2000 Off 504
AC Off I600
IH Off 464
JD 36A Off 1020
Loader Off JD 420
Souders Loaders
Loader Off MF 202

MOWERS

NH 451 Sickle
Oliver 3 pt. Sickle
Modern 7' Pull Rotary
MF 3 pt. Sickle
JD 38 Sickle
Ford 3 pt. Sickle
Mott 3 pt. 6' Flail
Woods 42" For Cub
JD 5' 3 pt. Rotary
Mott 4' 3 pt. Flail
6' 3 pt. Bush Hog
Deutz Fahr KM 22
IH 3 pt. Sickle

DISC'S

MF 20' Transport
Kewanee Rock Flex-13'
JD KBA 28 Transport
IH 10' Transport
JD KBA 28 Drag
IH 350 Transport-13'
Oliver 10' Transport
JD Plowing Disc

CULTIVATORS

IH 2X for "C"
IH 4X 3 pt.
JD RM4-4X 3 pt.
IH Cub 1X
IH 2X For H or M
JD 2X For H
JD 2X For 420
2X 3 pt.
IH Super "A"
IH 468 4X Front Mtd.
Pittsburg 6X 3 pt.
IH 4X Front Mtd.
JD 6X 3 pt.

SHELLERS & GRINDERS

JD 43 3 pt. Sheller
MM 1200 Sheller
NI 315 Sheller Attach
NI 314 Sheller Attach
NI Super Sheller Attach.
NI 317 Grinder Attach
NI 318 Grinder Attach.
IH 234 Sheller Attach.

SPREADERS

NH Tandem Axle-250 Bu
Clay 1500 Gal. Honey Wagon w/Injectors

MISC. EQUIP.

4X Pull Stalk Chopper
Lely Pull Fertilizer Spreader
Lely Roterra
Danuser 3 pt. Post Hole Digger-Heavy Duty
Swartz Mixer Wagon
Corn Drags
Ferg 3 pt. Rake
Hesston 10 Stacker
JD 8300 Drill
LG 36' Elevator
IH 5100 Drill
IH Cub & 140 Attachments

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
743N Cornhead
725 3x30 Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head

FIELD CULTIVATORS

IH 12' 3 pt.
JD 12' 3 pt
JD 18' 3 pt.
Glenco 13' 3 pt.

CHISEL PLOWS

9 Tooth 3 pt.
Landoll 10' Pull-Chisel
11 Tooth 3 pt.
12 Tooth 3 pt.
7 Tooth 3 pt.
10 Tooth 3 pt.
5 Tooth V Chisel
Taylor Subsoiler

FLAIL CHOPPERS

NH 36

CORNPLANTERS

IH 400 4X No Til
IH 2X Fast Hitch
MF 2X 3 pt.
Ford 6X Pull
JD 1240 Plateless
JD 246 - 3 pt.

ROLLBARS & CABS

IH 2 Post w/Roof
IH 806 Cab
Case 1070 Cab
IH 66 Series Cab
IH 1206 Cab
JD 4020 Cab
DB 1200 Cab
Case 1030 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
Oliver 1750 Cab
AC 7000 Cab

CONSTRUCTION EQUIPMENT

NEW 1985 TRAILERS ON SPECIAL

- 2 Axle, 4 Ton, 14 Ft. $1495

SKID STEER LOADERS

IH 4150 Diesel	$8300
Gehl - As Is	$1900
Melroe 731D	$6800
Case 1740D	$5800

OFF ROAD ROCK DUMPS

(4) Mack 25 Ton Rock Trucks From	$38,600
(3) Mack 20 Ton Rock Trucks	$84,700
Mack 35 Ton	$44,900

FORKLIFTS

Int 4500B-21'	$12,600
4000 lb, Solid Tires, Side Shift	$2300
Clark 8000 lb	$6900
Toyota 8000 lb Diesel	$13,500

RUBBER TIRED LOADERS

Ford A62	$26,200
AC 605B	$27,600
Case W9	$8900
Trojan	$7900

TRAILERS

1985 2X 4 Ton	$1495
1985 3X 9 Ton	$3900
1985 2X 12 Ton	$5800
1984 2x6 Ton.	$3250
1980 12 Ton Tilt Top	$6100
9 Ton Gooseneck	$3450
1981 Delta 48' Drop Deck	$14,950

CRAWLER LOADERS

Oliver HG	$2400
JD 350B w/Backhoe	$16,600
IH 125E	$23,700
Cat 941 w/4 in 1 bkt	$23,700
JD 450C w/Ripper	$16,500
JD 1010 w/Ripper	$6900
AC HD3	$6900
Cat 933G	$6700

BACKHOE ATTACHMENTS

JD - Ford - IH - Case-AC - Long - Sherman

BACKHOES

Ford 4500	$9600
Ford 5500	$12,800
Ford 800	$5600
Case 580C	$19,800
Case 580C	$18,400
Case 420-As Is	$3500
Case 580B	$13,500
Case 580B	$13,250
JD 2010	$6500
IH 3800	$9900
MF 202	$4900
Case 580B	$13,400
Case 580-As Is	$5900
Case 580-As Is.	$6100
Case 530-As Is.	$5400
JD 310	$13,700

TRACTORS WITH LOADERS

Oliver 1355	$7950
Ford 4400	$6400
AC D14	$3500
MF 165.	$7950
Ferg 20	$2500
IH 350	$3450
MF 165	$5950
Ferg 30	$3750
Ford 3000	$5950

LOG SKIDDERS

JD 540A-1972	$11,800
Clark 666B-1975 w/Grapple	$19,700
JD 640 w/Grapple	$29,900
JD 640	$28,900
Dunham-1975	$8900
JD 440C-1980	$25,300
JD 440C-1978	$23,800
JD 440C-1978	$23,600
Prentice G Log Loader	$7900

DOZERS

JD 430	$4800
Cat D8H	$24,700
Cat D4C	$12,700
IH TD6-62 Series	$5900
Case 350B-6 Way-1979	$18,200
Case 350B-6 Way	$18,600
Case 350-6 Way-Winch	$7800
Oliver HG-Bare	$1800
IH 340 6 Way	$3900
AC HD5 w/Ripper	$3900

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

FERTILIZER EQUIPMENT
Located Near
Hagerstown, Maryland

1977 "Big Wheel" Senior Sprayer; 39K miles (High Flotation) 55' booms, 1,200 gallon tank

1966 "Big Wheel" Senior Sprayer, Devco Pump System, 43K miles (High Flotation) 55' booms, 1,200 gal. tank.

1976 International 1600 Series 4 W D Sprayer, Devco Pump System, 1,200 S.S. tank, 45' boom.

1968 International 4 W D ¾ ton pick up with seeder on skids and 40' sprayer on skids with John Blue Pump and gas driven transfer pump, B&S engine.

3 International Nurse trucks with 1,600 gal. S.S. tanks and Devco Pumps

1 Nurse Unit 1,200 gallon with 8 HP B&S engine and Devco Pump on Skids.

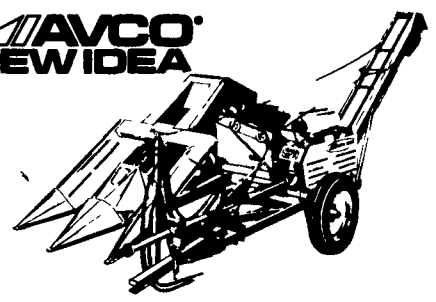
5 tow type dry fertilizer spreaders Liquid Lime Mixing Plant

1965 Fruhauf Dry Pneumatic Bulk Trailer, Ford Gas Engine, blowers and hose.

Call 301-739-4220

The Time Is Right... The Price Is Right!!

AVCO NEW IDEA



USED CORNPICKER SPECIALS!

★ **N.I. MODEL 323** ★
6 Roll Bed, 24" Tires SOLD
1966 Model, Good Cond. $2,375

★ **N.I. MODEL 324-327** ★
2 Row Wide, 12 Row Bed, SOLD
Like New Cond. $5,950

★ **N.I. MODEL 324-329** ★
Super Sheller, 2 Row Wide,
24" Tires, Extra Good Cond. .. $4,975

Sales & Service On: AVCO NEW IDEA

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or
(301) 879-1434

WALTER G. COALE, INC.
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Churchville, Maryland

BRICKERVILLE EQUIPMENT
SALES * SERVICE * PARTS
537 E. 28th Div. Hwy. Lititz, PA 17543
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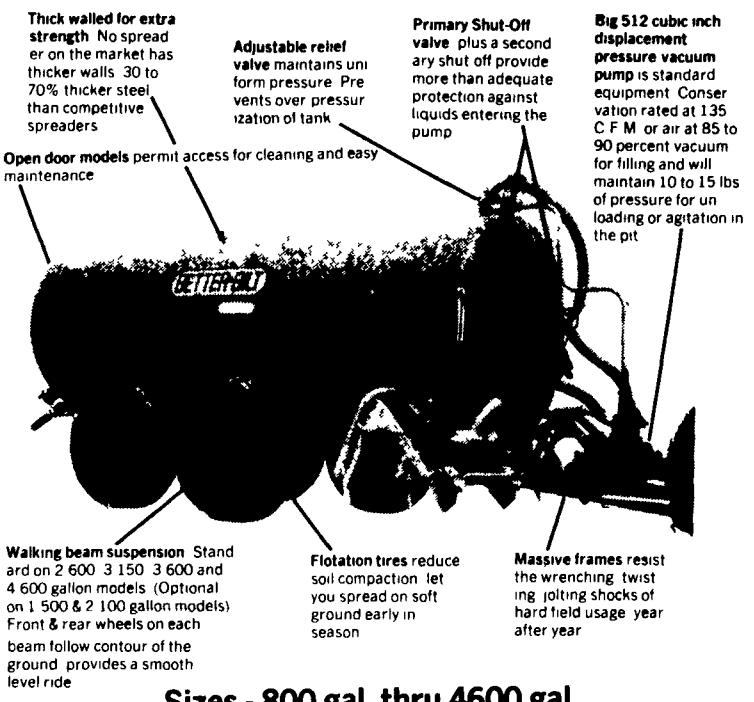
Outstanding Features


Thick walled for extra strength No spreader on the market has thicker walls 30 to 70% thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over pressurization of tank
Primary Shut-Off valve plus a secondary shut off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure vacuum pump is standard equipment Conservation rated at 135 C F M or air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
Walking beam suspension Standard on 2 600 3 150 3 600 and 4 600 gallon models (Optional on 1 500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twisting jolting shocks of hard field usage year after year

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

SPECIALS
1 - Used Better Bilt plow down attach. to fit a 1500 gal. liquid spreader

CALL US FOR YOUR NEEDS OF
- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

GUNTHER HEUSSMAN INC.
SO. 5TH ST., EMMAUS, PA. 18049 **215-965-5203**
Call John Bolton or Gunther

QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS
JD 4230 Dsl., Cab & Air, QR
JD 4040 Dsl. Cab & Air Power Shift, Excel. Cond.
JD 4430 Cab & Air, Quad Range, 2000 hrs., 1977 Mode, Excel.
JD 4040 Fender Tractor, Power Shift
JD 4430 Cab, Air, Quad Range, 1976 2600 hrs., very nice
JD 4430 Cab & Air, 1 Power Shift, 1 Syncro, both very nice
JD 4630 Dsl., Cab & Air, Quad, Quick Hitch, Very Good
JD 4240 Diesel Cab, Air, Quad, Very Nice
JD 4230 Dsl. QR, Fender Tractor
JD 4320 Dsl. Cab & Air, 2700 Hrs., Excel. Cond. SOLD
JD 4020 D, WF, Power Shift
JD 3010 Dsl. RC, Very Nice
JD 3020 Dsl. WF Syncro Range
JD 3020 Dsl., WF, Side Console
JD 2510 Gas Row Crop
JD 2840 Dsl., WF
JD 2440 500 Hrs., High Low Independent PTO, 3 Cylinder
JD 2440 Dsl., PTO, 38" Rear Rubber, Good Condition
JD 2150 Dsl., Roll Guard (New) SOLD
JD 2030 Dsl. Hi/Low PTO w/ 140 Loader SOLD
JD 830 3 Cylinder SOLD
JD 2030 Dsl. w/Direction Reverser
JD 2020 Dsl., Very Nice
JD 730 Diesel, WF, 3 pt. & Fenders
JD 630 3 pt., Very Good
IH 1086 Cab & Air, 1900 Hrs., 1980 Mod. SOLD
IH 3788 2x2 Cab & Air, 550 Hrs., Radial Tires, Like New
IH 1066 Dsl., Red Cab & Air, 2600 Hrs., Excel. Cond.
IH 1086 D Cab & Air, 2200 Hrs., Very Nice
IH 1066 Dsl. Cab, Air, Black Stripe
IH 784 Dsl. Row Crop, 600 Hrs., Like New
IH 886 Dsl. Cab & Air, 1100 Hrs., Very Nice SOLD
IH 666 Gas, WF, Very Good
IH 806 Dsl., Cab & Air, 18x38 Tires, Very Nice
IH Super A w/Cultivators & Mower
IH 574 Dsl., Very Nice
Case 1690 Cab & Air, PS, 600 Hrs., Like New
IH Super MTA, WF, PS
Ford 5000 Dsl. 8 Speed w/Loader
Ford 4000 SU 8 Sp. w/Loader
MF 65 Dsl. 3 pt. 38" Tires
Bobcat SOLD Loader
Case 1737 Liquid Cooled Skid Loader

CORN PICKERS
JD 300 Husker, Choice of 2 or 3 Row Wide or Narrow Heads, Excel. Cond. SOLD
NI 323 1 Row
NI 324, 2 RW w/Sheller, $1,850
NI 310 SOLD
NI 324 2 Row wide w/12 roll bed. Excel. SOLD

New Bushhog 1445 Hydraulic Fold 18' Disc w/22" Blades

CORN HEADS
AC KL 238
JD 243, 244, 343, 443, 444, 643 IH 843 MF 43 & 63C

GRAIN DRILLS
JD FBB 17x7 Double Disc - $1,150
Grass Seed, Very Good
IH 510 7x18 Single Disc w/Grass Seed - $2,600
IH 10 13x7 DD grass seed and fertz. - $1,800

DISCS
JD 220 Center Fold New Blades 18'
JD BWF Wing Fold Rock Flex
JD 11' RWA
JD AW 12'6", Very Good
Athens 10' Offset

GRINDER-MIXERS
JD 400, Very Nice
Gehl 100 Hydraulic Drive, Exceptionally Nice
Gehl 65, Excellent
Nh 352, Very Nice
JD 750 w/Hay Feeder Attach., Excel.

HAY EQUIPMENT
JD 1209 Mower Conditioner
JD 346 Twine Baler w/Thrower, Like New
JD 336 Twine Baler w/Thrower
MF 120 T Baler w/Thrower
NH 851 Round Balers, Like New
NH 467 Haybine
NH 310 Baler w/Thrower
Fahr 16' Hay Tedder
IH 430 Baler, Very Nice

TRADE-IN SPECIAL
1973 JD 4400 Dsl. Combine w/Cab
$6,500

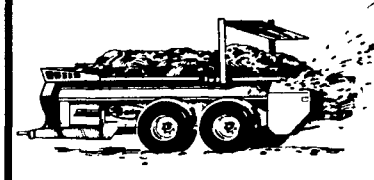
PLOWS
JD F145 3x16 Semi Mtd.
JD 2x3 Base 3 pt. Trip
JD 2500 5x16 Spring Reset SOLD
JD 3 Base Rollover
JD 4 & 5 Base Semi Mtd.
IH 720 5x16 Spring Reset
JD 2500 6x18 Spring Reset w/Onland Hitch
JD 2500 6x18 Hydraulic Reset
Ih 710 5x20 Spring Reset
IH 710 5x18 Spring Reset

MISCELLANEOUS EQUIPMENT
IH 7x14 Wagon w/Hydraulic Dump
NI Trailer-Type Fert. Spreader
NI 312 Bushel Tandem Axle Manure Spreader
NH 2 RW & N Corn Heads to fit 717, 770, 880 & 890 Harvesters
Bushhog 5' Rotary Mower, 3 pt., New
Country Boy 215 Bushel Gravity Boxes
JD 3RN Forage Head
JD 1710 Mulch Tiller w/Rake, Like New
Glencoe 12' 3 pt. Field Cultivator
NH 2 RW Snapper Head to fit 880, 890 & 892 Harvesters
JD 3 pt. 6' Flail Mower
JD 7000 4 & 6 Row Corn Planters
JD 3 pt. 18' Hydraulic Wing Fold Field Cult.
JD 45 Quick Tach Feeder House, Very Good
20x38-18x37-15.5x5x38-18x34 Duals
JD 158, 148, 48 Loaders
Cabs for JD 1020 thru 4020
Soybean Chopper to fit MF 510 Combine
Arps 3 pt. Backhoe, Like New
Soybean Choppers to Fit JD 3300 & 4400 Combines

COMBINES
IH 820 13' Flex Head, Like New
1980 Gleaner K2, Dsl., Cab & Air, Grain Saver, Flex Grain Tabler & Corn Heads, Like New
IH 1440 Axle Flow, Cab & Air, 1100 Hrs., Very Nice
1978 JD 6600 Dsl., Cab & Air, 1000 Hrs., 1 Owner Machine, Very Good
1977 JD 6600 Cab & Air, 1200 Hrs., Excel. Condition SOLD
1977 MF 510 Dsl. Cab & Air, Choice of Heads
1974 JD 7700 Dsl., Turbo Hydro, Field Checked
1972 JD 4400 Gas w/13' Platform, $8,900
IH 82 Pull Type, Very Good
JD 30 Pull Type, Auger Feed
New JD 213 Flex Head
IH 715 w/Cab, Very Nice, Choice of Heads
MF 300 w/Cab, Grain Table, 2R C.H., Very Good, $6,850

Financing Available on Above Machines

Badger SPREAD OF VALUES



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See your participating Badger Dealer

SPECIAL 1 TIME LEASED UNIT	
330 Bu. With Liquid Endgate	
List Price	$9,000.00
Sale Price	$7,500.00
330 Bu. Rebate	$330.00
Total Price	$7130.00

3 Manure Spreader Sizes To Choose From!

$1.00 per bushel capacity on three sizes 210 bu - 260 bu - 330 bu (Program ends December 31, 1984)

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FOX BRADY
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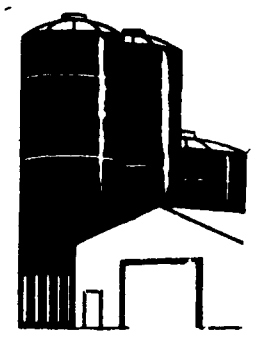
NEW EQUIPMENT	List	SALE
IH 3088 4WD Tractor	$48,484	$36,000
IH 1190 9 Ft. Mower Conditioner	$9,789.50	$6,995
IH 781 1000 RPM Forage Harvester w/Hay Pickup & Corn Head	$16,597	$10,995
IH 3450 Round Baler	$11,370	$8,600
IH 3650 Round Baler	$14,350	$11,000
IH 720 Semi-Mounted 5 Bt. MB Plow	$10,380	$7,000
IH 720 Semi-Mounted 4 BT MB Plow	$9,717	$6,000
IH 475 Disk Harrow, 11 Ft.	$5,856	$5,000
IH 5500 Chisel Plow, 7 Ft.	$2,791	$2,300
IH 6500 Conser/Till 11 Ft.	$7,484	$6,400
IH 800 Corn Planter	$11,933	$10,400
IH 5100 Drill 16x7	$6,343	$5,500
NI 60'x10" Auger Elevator	$4,917	$3,950
NI 323 Single Row Picker	$8,787	$6,700
NI Double Spinner Spreader	$1,235	$1,100
NI 768 Uni Row Crop Head	$7,302	$4,100
NI 329 Sheller Unit	$5,362	$4,600
Fox Brady 2310 Forage Harvester	$8,773	$7,400
Fox Brady 746 Corn Head	$3,387	$2,500
Fox Brady 12 Ft. Stalk Shredder	$5,500	$4,200
Fox Brady 822 8 Ft. Chisel Plow	$2,600	$2,300

USED EQUIPMENT	
NI 725 Uni Corn Head, 3 Row	$1,395
NI 710 Uni Combine Unit	$2,795
NI 729 Uni Sheller Unit	$1,200
NI 702 Power Unit	$4,000
NI 711 Grain Platform	$1,000
IH 76 1956 Model Pull Behind Combine Ex. Cond.	$750
IH A Tractor	$1,900
IH 674 Utility Tractor, Ex. Cond. 2000 Hrs.	$7,700
IH 420 Hay Baler	$600
IH 2 Bt. Trailing Plow	$250
JD 1240 4 Row Narrow Corn Planter	$1,875
JD 494A 4 Row Narrow Planter	$1,625
White 6 Row, No-Til Planter, Ex. Cond.	$4,300
Fox Brady 822 Pickup Head, 6½ Ft.	$1,600
Case 9 ft. Disk Harrow	$500

Most Deals Require Cash on Purchase



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Nelson L. Ziegler

PARTS AND SERVICES for Harvestore® Unloaders and Structures

Services Available:
1. Service Maintenance, Dig-Outs, Long & Short Arm, Etc.
2. Pressure Testing Structure & Bags
3. Resealing
4. Complete Unloader Rebuilding

Parts for Unloaders:
Cutter and Conveyor Chains, Hook Assemblies, Sprockets, Bearings, Seals, Cutter Arms, Forks, Backbones, Discharge Housing. Unloader Doors, Motors, belts, etc.

Parts for Structures:
Breather Bags, Vent Flaps, Access Doors, Roofs, Structure Sheets, Sealer, Steel Floors & Plates
Blower Pipe - Spiral, Plastic or Straight
Center Fill Pipe - 9" or New Style 12"

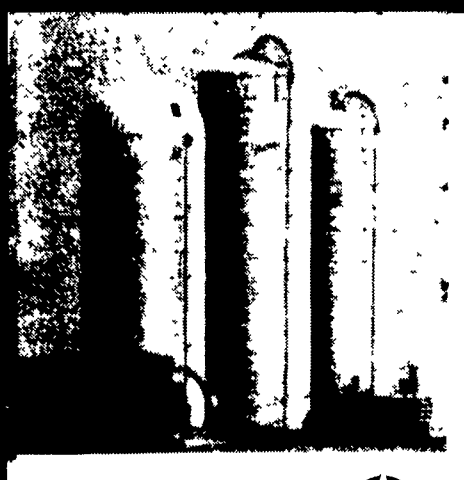
Complete Dismantling and Re-erection of Used Harvestore® Structures

We Can Offer
* New Bolts, Nuts & Washers
* New Steel or Epoxy Floors
* Flag or Farm Name Sheets
* Extensions
* New Supreme Bottom Unloaders for Forage or Grain
* Rebuilt Goliath or Hercules Unloaders

Quality Work Guaranteed

2050 Erected $19,000
2060 Erected $21,000
6219 Slurrystore Erected $28,000
20' Rebuilt Goliath $10,000
200 Bushel Roller Mill $800.00

MADISON® SILOS...



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- Roller Mills — Starline & Automatic
- Roof and Chute Replacement
- Silo Doors — Wood & Fiberglass — Madison & Marietta
- White Coating
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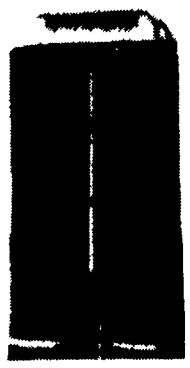

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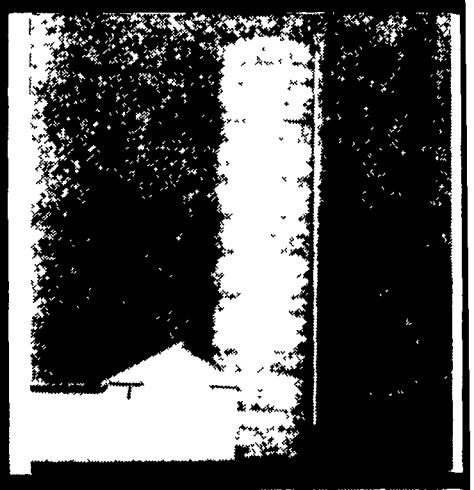

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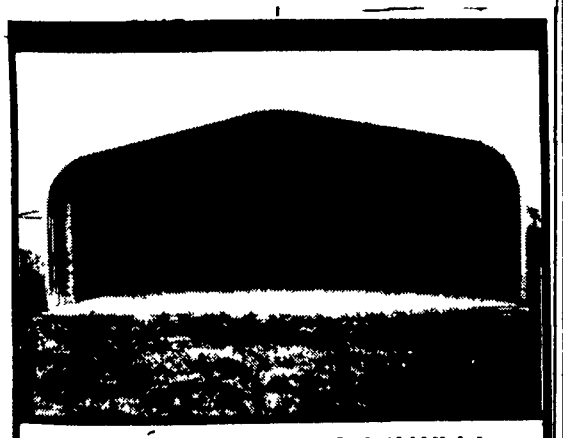

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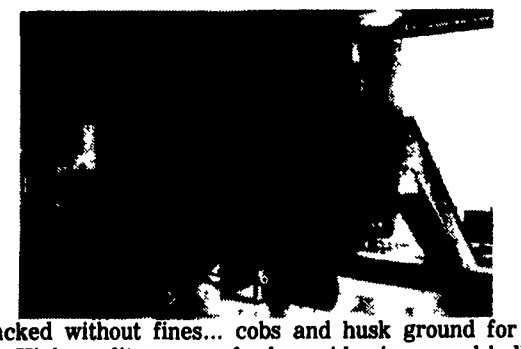

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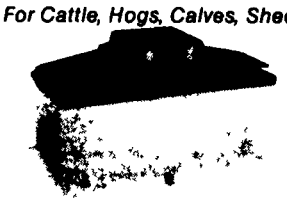

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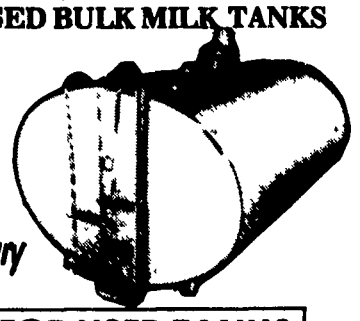

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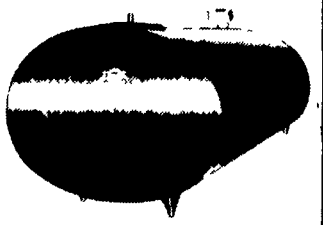

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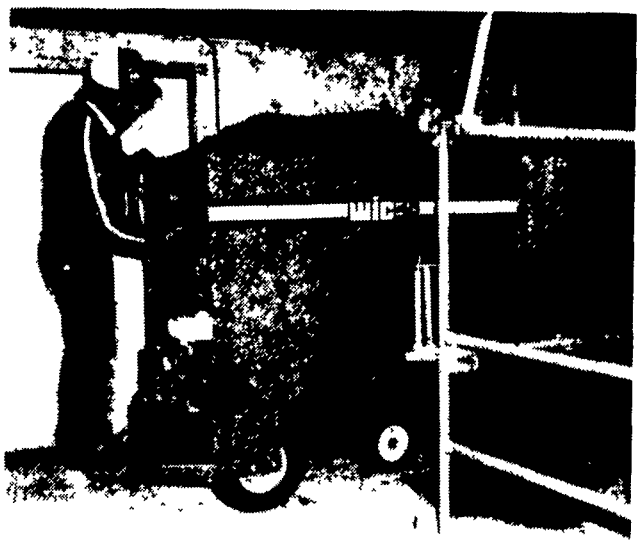

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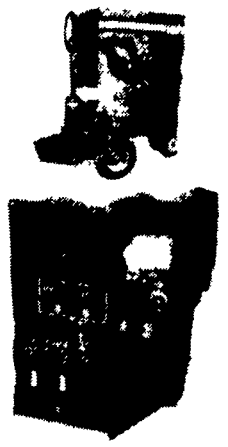

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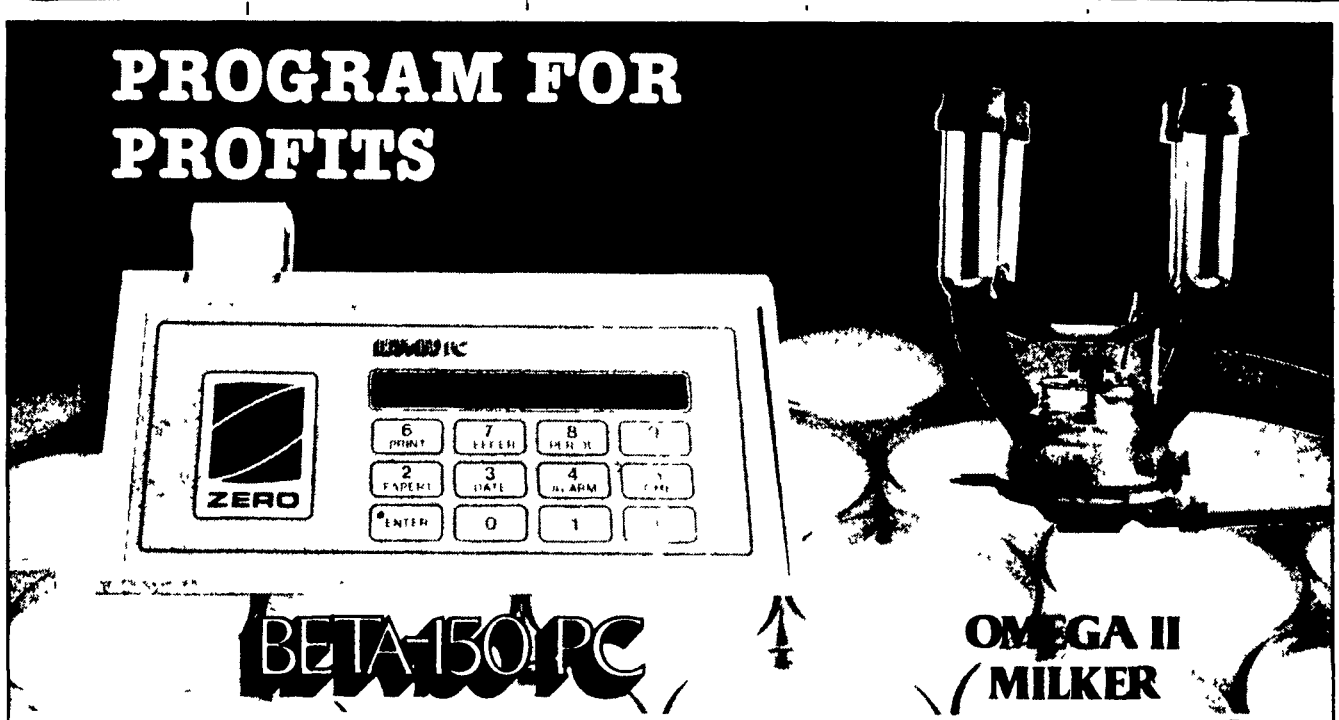

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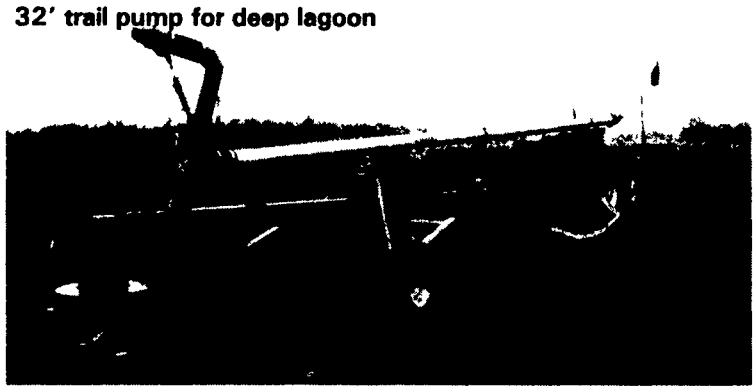

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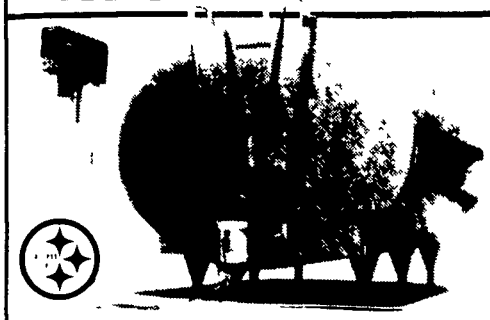

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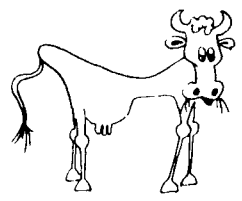

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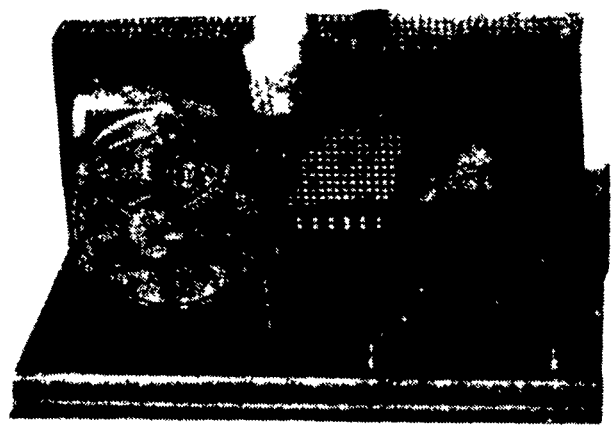

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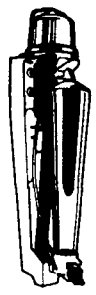

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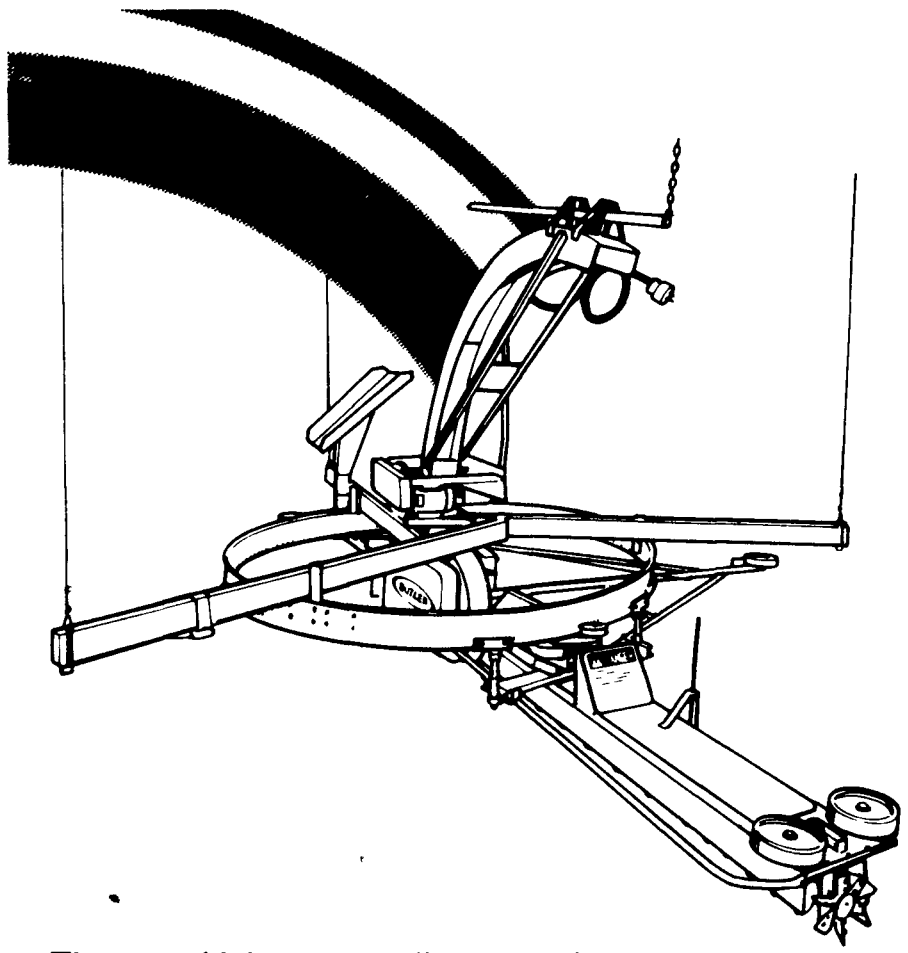

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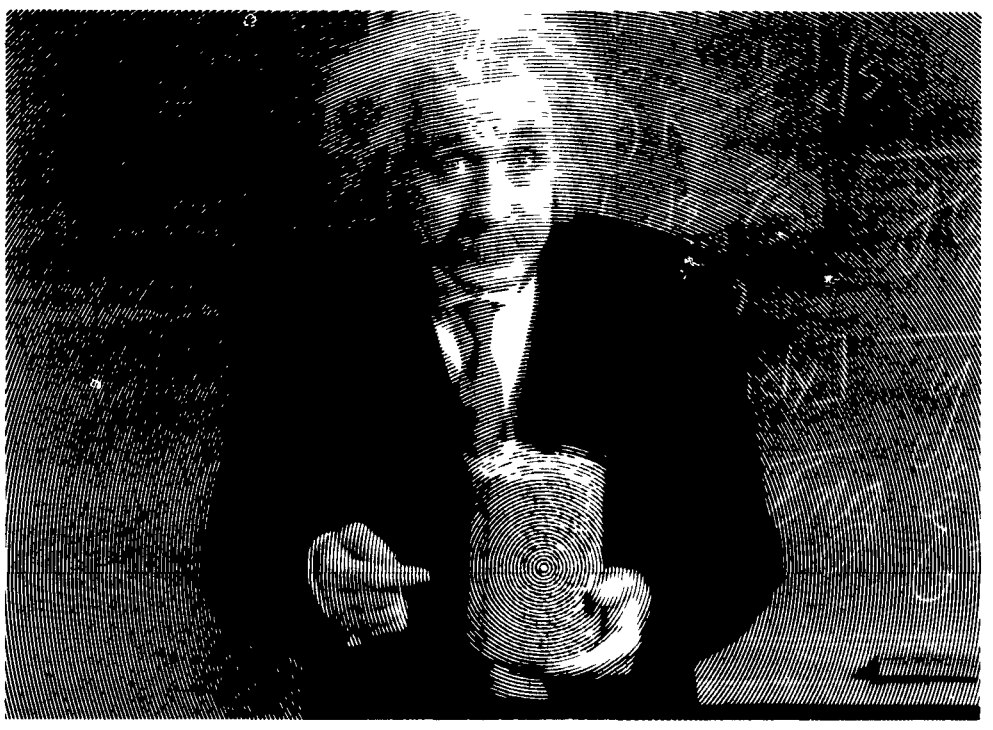

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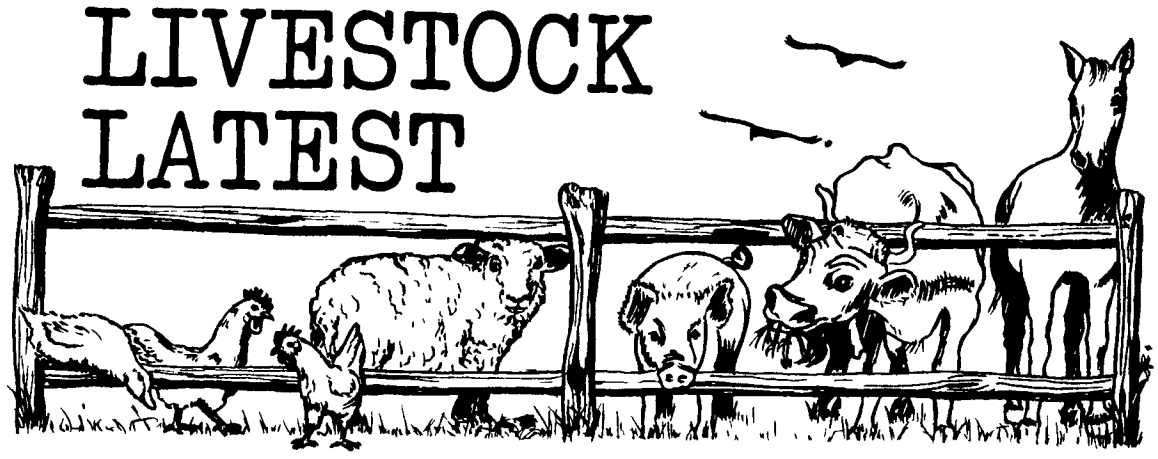

Pork Prose

by
Kenneth B. Kephart
Extension Livestock Spec.
University of Del.

Walter Club Calf Sale set Friday

BY JOYCE BUPP
Staff Correspondent

AIRVILLE—Remember "J.D.", Annette Walter's 1983 Farm Show champion steer, which topped previous farm show steer auction records at $12 per pound?

Some of "J.D.'s" half brothers are among the sales listing for the Walter Family Club Calf Sale, set for Friday, November 23, at the Shady Lane Dairy Sales barn in Quarryville, beginning at 7 p.m.

This is the sixth year that the Donald Walter family of Airville R2, has assembled a collection of top-quality spring calves, especially geared toward use as project animals by 4-H and FFA members. Assisting with the sale will be Walter's wife Marianne, and daughters Brenda and Annette. In addition to a sizeable following of local supporters, this sale draws buyers from as far away as Tennessee.

"It started as a hobby," claims Walter. "You have to love to do this, to take this gamble."

The show success rate of animals from this sale is impressive. Three of the top four entries in the recent October county beef roundup were purchased at last year's auction. They included Yorker Jenni Druck's champion, the reserve of Red Lion member Mary Godfrey, and John Eaton, Jr's., top placing heavyweight and contender for the championship. Eaton's animal additionally had won both the 4-H fair and York Fair top award, over another sale-mate purchased by Donald Godfrey, Red Lion, the reserve winner.

Earlier, at the May premier show, another Walter sale selection earned championship honors for Dover 4-H'er Ed Livingston, placing over the second-high Eaton entry. Walter, a veteran beef producer with a practiced "eye" for cattle selection, favors animals of crossed purebred lines, primarily Angus and Chianina.

Club calf sale preparation means plenty of hours spent in clipping and fitting. Donald and Marianne Walter admire the lines of one of the Angus calves taking its turn in the grooming chute.

"The Angus puts on thickness, and the Chianina cleans up the front ends and gives a little more size and growth," is his evaluation of the success of that combination.

The majority of this year's sale individuals originated on the same West Virginia cattle ranch which produced the now famous "J.D.". York insurance executive Art Glatfelter put the steer shown by Annette Walter, in her final years as a 4-H'er, on the record books with his $12 bid.

Selection for the annual sale begins about the second week of September. In picking his sale choices, Walters insists on calves with good width in the back end, and cleanness of the front end, for growthiness and show potential.

After several years of selecting and observing the raising of his own youngsters' project animals, Walters has definite ideas about a rookie member's first calf. Prime consideration, he advises, is the animal's temperament.

"Buy a quiet calf," he admonishes. "It's better for an inexperienced, small youngster to have a good, quiet calf, even if it doesn't show at the top of its class. After all, what good's a champion if you can't handle it?"

Observe the calf before the sale, if at all possible. Notice if the animal seems relaxed, and if people can work around it. And, most important, watch the eyes, he suggests. If a calf just watches, follows a person's every single move, beware. It may have a skittishness that might never be completely tamed.

In three days, Walter figures he can generally tell a calf's basic temperament, depending on how it has settled down after being haltered and acclimated to being around people.

Calves going through the family's club calf sale will weigh inthe 375-550 pounds range, and will be basically halter broken.

"Feed to grow them," is this expert's advice on raising a top calf. That includes a ration of

(Turn to Page D4)

Hog performance really boils down to two items — environment and genetics. Because of the animal welfare issue, researchers have been taking a closer look at the environmental end of hog production. And they're not just asking questions like, "How fast did the pigs grow?" and, "How much feed did they eat?" They're also studying stress factors in the blood, or the immune system to see how these things are affected by confinement. Here's a sample of some recent experiments.

Tethers, Stalls Or Hogs

Does it stress a sow when you put her in a gestation stall? And how long does the stress last? Scientists at the U.S. Meat Animal Research Center in Nebraska used cortisol, blood component, to measure stress. On the first day of the penning arrangements, they found levels of stress to be highest in tethered sows. Sows in open pens had the lowest cortisol levels, while those in gestation stalls were somewhere in between. By day three cortisol levels had dropped in all groups. And by day eight, there were no differences in cortisol levels among sows regardless of how they were penned. So tethers and stalls do seem to upset sows—but they apparently adjust in about a week.

Forced Exercise

Researchers at the University of Guelph decided to take a second look at how forced exercise might affect farrowing performance. You'll recall a similar study in Georgia where forced exercise provided only limited benefits to sows.

The folks in Canada, however, showed there is some merit to exercising sows. By forcing a sow to walk a mile and a quarter a day from breeding until day 108, they found that sows farrowed faster. And fewer pigs died before suckling. A significant number of non-exercised sows took more than 12 hours to farrow, whereas all the exercised sows farrowed within 12 hours.

Artificially Raised Pigs

Scientists at Kansas State compared two methods of raising newborn pigs— on the sow, or artificially reared after the second day of age. After three weeks, sow-reared pigs weighed 12.6 pounds compared to only 6.1 pounds for the artificially reared group. And just as bad, the pigs weaned at two days had only a half-normal capacity for generating white blood cells. So their ability to fight disease was severely impaired.

The argument against artificial rearing gets even stronger when you consider that many sows weaned at two days won't cycle and most won't settle.

Turning Back The Thermostat At Night

The University of Nebraska decided to see what would happen when the nursery temperature was turned back at night for four-week-old weaned pigs. During the day, researchers maintained two nurseries at 77 degrees. But at night one nursery was kept at 68 degrees, and the temperature was reduced two more degrees each subsequent week.

By doing this they saved 31 percent in propane costs and 20 percent in electricity costs. Pigs in the reduced temperature scheme grew an average of 10 percent faster than those in the conventional group. Feed efficiency was similar for both groups. No pigs died in the control group compared to 1.6 percent in the low temperature group.

Using Fat To Reduce Dust

Scientists at the University of Nebraska, in two studies, used a high-fat diet to reduce dust levels in a finishing house. Compared to a normal corn-soy diet, the ration, containing 5 percent tallow, reduced aerial dust by 49 percent and settled dust by 29 percent. In the first study lung lesions in the control group were more severe than those in the high-fat group (63 percent vs. 39 percent). The incidence of abnormal turbinates (an indication of rhinitis) was about the same in both groups. Pigs receiving tallow grew seven percent faster on 10 percent less feed. So despite its higher costs, fat seems to provide a lot of benefits.

These experiments and others like them give us a lot of information. Some of these answers aren't the kind we like to hear since they could add fuel to the animal welfare fire. But the animal welfare question is like many others. You can't make the right decisions witnout good hard data.

KILE's 'Golden Fleece'

PUREBRED FARM FLOCK FLEECES

Truman Calvert of Calvert Farm, Spraggs, Pa. had the first place exhibit of five fleeces at the Keystone International Livestock Exposition. The Merino Fleeces were judged on individual merit and uniformity of type, stable length and character of the combined exhibit. Calvert also raises Cheviots, Shropshires and Dorsets.

KILE's top feeder calf

Champion feeder calf at the Keystone International Livestock Expo was exhibited by Pat Barker of Barker Brothers, Kendallville, Ind. The Angus-Chianina crossbred calf was out of the Chi bull Ironio.

KILE FEEDER CALF SHOW
CROSSBREDS AND PUREBRED STEERS OF OTHER BEEF BREEDS
Pens of Five Feeder Steers
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Champion Pen
Robert Sherwood WV
Reserve Champion Pen
Michael McClintic WV
CROSSBREDS AND PUREBRED HEIFERS OF OTHER BEEF BREEDS
Pens of Five Feeder Heifers
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Champion Pen
Messick Farms PA
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Brown s Ranch Inc Gettysburg PA
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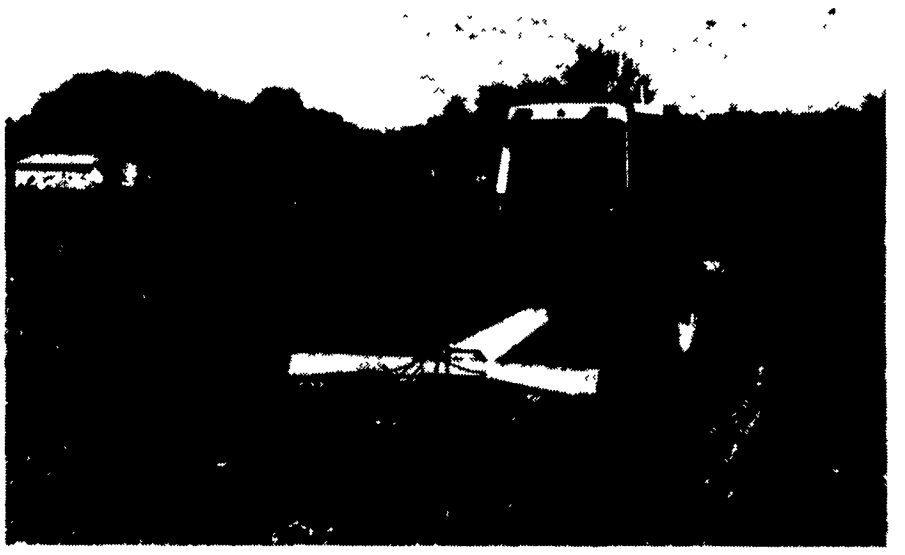
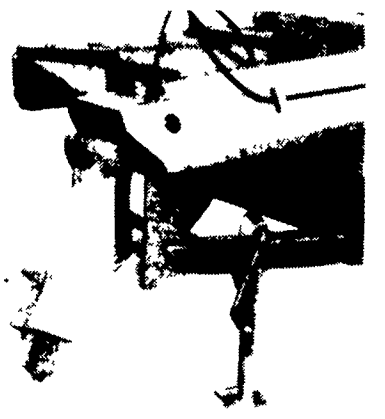
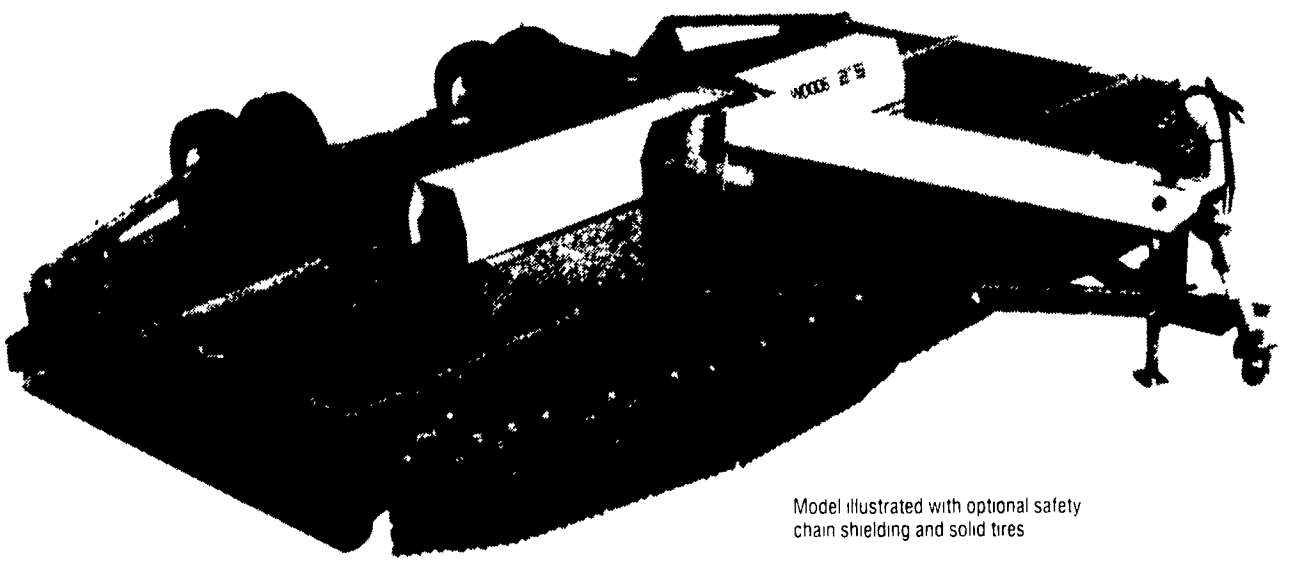
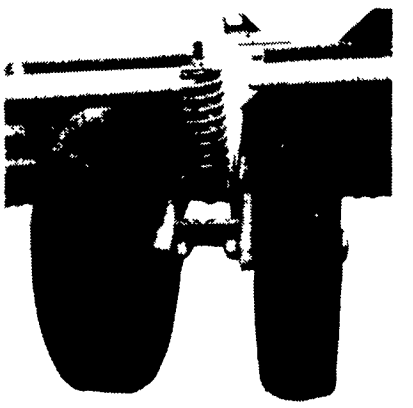




Heavy-duty hitch assembly with three joint PTO drive and parking jack (standard equipment)



Model illustrated with optional safety chain shielding and solid tires



Dual spring loaded wheel yokes are standard equipment Solid tires are optional

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Equine 'heavy haulers' featured in NAILE show, sale ad pulling contest

LOUISVILLE, Ky.—The giants of the horse world made an early appearance at the 1984 North American International Livestock Expo on Nov. 2, as they pulled massive weights for a $5,000 purse.

When the final pull-off was over, a team owned by Matthew Gilkison of Versailles, Ky. had won by pulling an 8,000-pound sled a distance of 22'6". For placing first among the 13 teams entered, Gilkison took home a trophy and check for $1,000.

In second place was Gerald Drury of Harrodsburg, Ky. with a pull of 20'2".

The NAILE was also host to the North American Draft Horse Sale on Nov. 3. At $2700.00, Allegheny Mt. Farms Maggie, consigned by Allegheny Mt. Farms of Nettie, W. Va., was the top selling female. The horse's new owner was C.L. Peters of Logansville, Ga.

Bert Gilkerson of Harrodsburg, Ky., sold the high selling male. His horse, Stoney 40753, went to Washington, Ind., with new owner Marvin Mead.

The sale's 30 males and 38 females averaged $736.54 per head, for a total of $50,085.

Long before farmers throughout the world knew of diesel engines and mammoth farm tractors, animals were used for work purposes. And among the most popular of man's helpmates were the draft horses, weighing up to two tons.

While the weights on the sled at the Draft Horse Pull seem immense, the animals were visibly eager to take their turn at moving the sled. "They're born and bred to pull and work," said Harold Workman, manager of the North American International. "The Belgians are suited to pull, and trained to do so, just as Quarter Horses are known for their sudden bursts of speed, grace and barrel racing capabilities," he added.

There is great affection evident between the huge animals and their owners, a matter described by Bluegrass Horse Pulling Assoc. president, Bert Gilkison. "These big fellows like to pull and they're easy to train...we've got big investments in them, and we're careful to protect them during pulls."

Illustrating his concern for his animals, Gilkison permitted his young pair of Belgians to pull the sled only a little more than three feet. "They're young," he emphasized. "Just started them two weeks ago and I want to go easy until they're used to pulling."

This was the first year for draft horse pulling, sponsored by the NAILE and the Bluegrass Horse Pulling Association.

Results from the NAILE's Draft Horse Show and listed below:

DRAFT HORSE SHOW
STALLIONS-FOALED in 1984
1 Lee Eller In 2 Don Schneckbth IA 3 Keller Acres OH
STALLIONS-FOALED in 1983
1 Don Schneckbth IA 2 Bob Whisman In 3 Alice & Marc Robertson AL
STALLIONS-FOALED in 1981 & Before
1 Bert A Gilkison Ky
GRAND CHAMPION STALLION
Don Schneckbth IA
RESERVE STALLION
Bob Whisman In
MARES-FOALED IN 1984
1 Keller Acres OH 2 Bill Chapman & Myra Kibler TN
MARES FOALED IN 1983
1 Bob Whisman IN 2 Bill Chapman & Myra Kibler TN 3 Don Schneckbth IA
MARES FOALED IN 1982
1 Lee E ler IN 2 Bob Whisman IN 3 William Hines Ky
MARES FOALED IN 1980 & 1981
1 Double M Belgians IA 2 Ed Sigmon NC 3 Keller Acres OH
MARES FOALED IN 1979 & BEFORE
1 Don Schneckloth IA 2 Don Schneckloth IA 3 Keller Acres OH
GRAND CHAMPION MARE
Double M Belgians IA
RESERVE CHAMPION MARE
Don Schneckloth IA
MARE AND FOAL
1 Don Schneckloth IA 2 Keller Acres OH
PRODUCE OF DAM
1 Don Schneckloth IA 2 Don Schneckloth LA 3 Adams Franklin Ky
STALLION AND THREE MARES
1 Don Schneckloth IA 2 Bob Whisman In
BEST THREE MARES
1 Don Schneckloth Davenport IA 2 Bob Whisman Cicero IN
GET OF SIRE
1 Bob Whisman IN 2 Don Schneckloth IA 3 Adams Franklin Ky
STALLIONS FOALED IN 1984
Bill Clark Covington OH
STALLION FOALED IN 1983
Matt Montgomery Ky
Matt Montgomery Ky
STALLIONS FOALED IN 1982
1 Elizabeth Bell Ky
PERCHERONS GRAND CHAMPION
Elizabeth Bell Ky
PERCHERONS RESERVE CHAMPION
Matt Montgomery Ky
GELDINGS FOALED IN 1981 & YOUNGER
1 Ted T J Miller IL 2 Rod Derrer IL
GELDINGS FOALED IN 1980 & BEFORE
1 Miller Container Corp IL 2 Sparrow Hilgendorf CO 3 Sparrow Hilgendorf CO
GRAND CHAMPION GELDING
Miller Container Corp IL
RESERVE CHAMPION GELDING
Sparrow Hilgendorf CO

A fancy team of Belgian draft horses moves across the parking lot at the North American International Livestock Expo in Louisville, Ky.

Walter Sale

(Continued from Page D2)

about half oats, using natural protein, corn and hay.

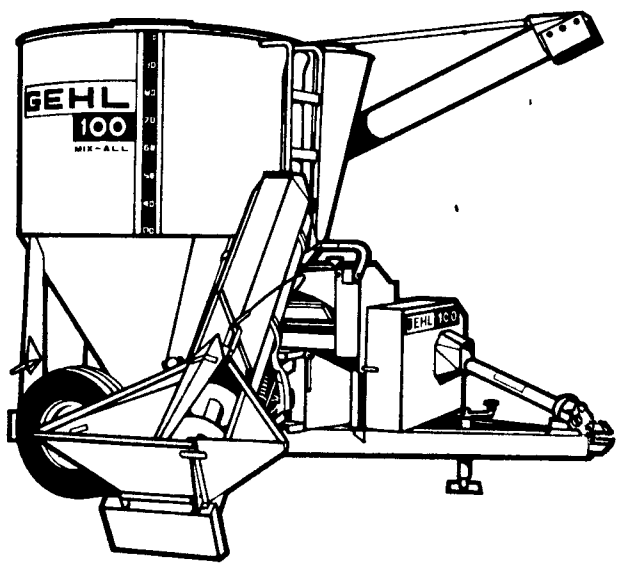
Calves should be turned out for plenty of fresh air and exercise, and a policy of "the earlier the better" applies to practice on showring walking and walks for proper muscling.

Although their children are now 4-H graduates, the family still exhibits in the open classes at area beef shows. Earlier this month, they won the reserve open carcass class at the Keystone International Livestock Exposition with a cross of Hereford, Chianina lines. Simmentals have also caught the Walter's interest, and their purebred heifer took the York Fair calf championship in September.

Prior to the purchase of their farm on the highlands of the west bank of the Susquehanna Walter operated an excavating business based in southern Lancaster County. A native of that area, Walter was a noted rodeo roper for a number of years, and in the 1960's held the roping championship at Cowtown, New Jersey.

Although still known to toss a lariat on a rare occasion, Walters now spends his spare time rounding up select animals for the home cow-calf herd and the sale that is fast becoming a southern Pennsylvania tradition among the beef industry.

Free gift if you buy now!



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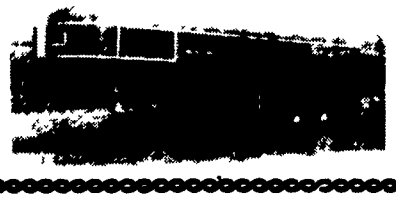

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Eastern Angus is 'queen' at American Royal

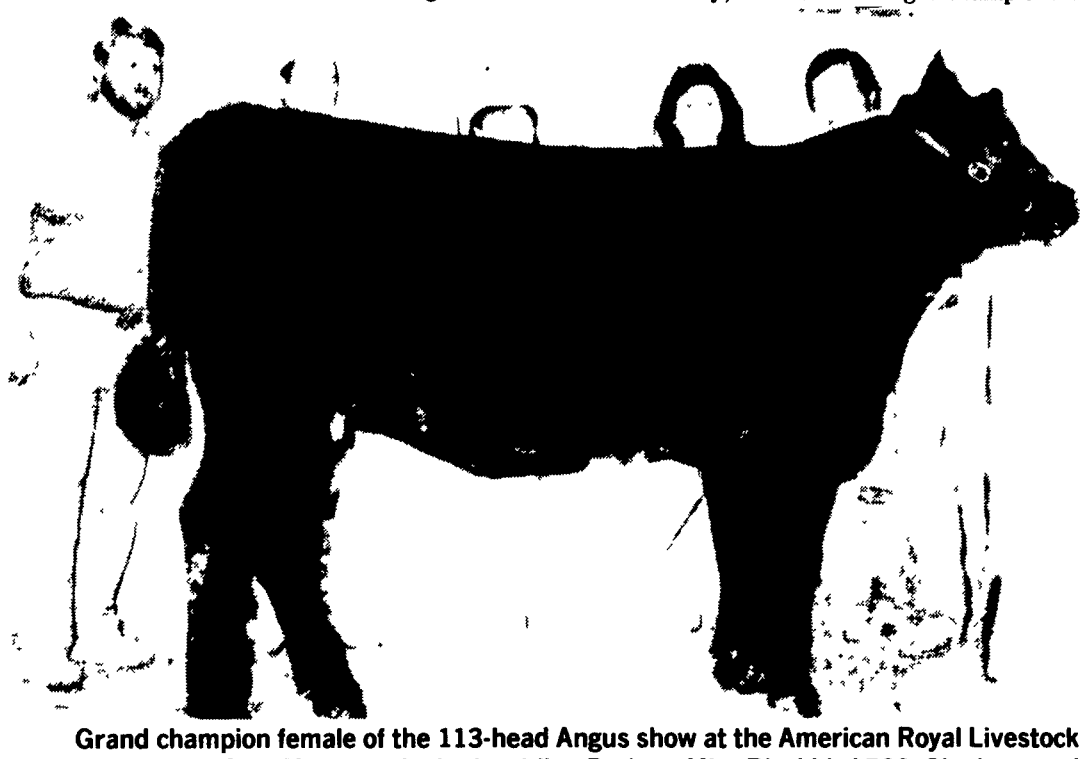
KANSAS CITY, Mo. — Spectators got their money's worth at the 1984 American Royal Livestock Show in Kansas City, Missouri, as they watched 113 top quality bulls and heifers compete for championship honors in the Angus show.

Pat Scheer, Sharon, Connecticut, served as judge and awarded the grand champion bull plaque to the senior titlist, Greenbrae Chairman. A May 1982 son of Fairfield Hi Guy, he is owned by Chairman's Board of Directors, Cloverdale, Indiana. Claiming the reserve grand champion bull spot was Gunston Hombre, the junior winner. This January 1983 Pine Drive Big Sky son is owned by Rolling Oaks Ranch, Burkett, Texas.

In the 62-head female show, both the grand and reserve grand champion came from the junior division. Scheer slapped Parkers Miss Blackbird 503, a March 1983 Pine Drive Big Sky daughter, as grand champion. First named the junior winner, she is owned by George Parker and Family, Barnesville, Maryland, and Greg Krueger and Family, Coatesville, Pennsylvania.

TC Peggy Lee 3001, the reserve junior winner, was named reserve grand champion female. She is a January 1983 daughter of Dr. Spock, owned by TC Ranch, Inc., Franklin, Nebraska; Northcote Farm, Forest, Virginia; and Kyanite Farms, Madisonville, Virginia.

Pine Drive Big Sky progeny also won the get and junior get-of-sire classes. The get champions were shown by Premier Angus Inc., Cloverdale, Indiana; Genetics Unlimited Inc., West Grove, Pennsylvania; and Rolling Oaks Ranch. The junior get winners were shown by Premier Angus Inc.



Grand champion female of the 113-head Angus show at the American Royal Livestock Show, Kansas City, Mo., was the junior titlist, Parkers Miss Blackbird 503. She is owned by George Parker and Family, Barnesville, Md., and Greg Krueger and Family, Coatesville, Pa.

Genetics Unlimited Inc., of West Grove, Pa., exhibited the reserve junior Angus bull calf champion at the American Royal.

R&J Laredo 2273 stepped into the senior bull calf champion spot for B&L Properties, Shawnee, Oklahoma, and Logsdon Angus Ranch, Guthrie, Oklahoma. Premier Charger followed behind to the reserve senior bull calf champion position for Premier Angus Inc.

The junior bull calf champion was Sir Wms Black Magic 119B, shown by Sir William Angus, Hillsdale, New York, and the reserve junior bull calf champion, Genetics Proton, was shown by Genetics Unlimited Inc.

Judge Scheer awarded the intermediate champion female ribbon to Premier Lassie 4635Y. She was shown by Premier Angus Inc. James O'Neill, Logan, Iowa, won the reserve intermediate champion female title with his entry, O'Neills Lady Eraline.

Genetics Unlimited Inc. and LaVern Krueger and Family, La Crosse, Indiana, exhibited the senior heifer calf winner, Prides Blackbird 991 of GU. Sir Willian Angus won the reserve senior heifer calf champion ribbon with Sir Wms Queen Blackbird 5R.

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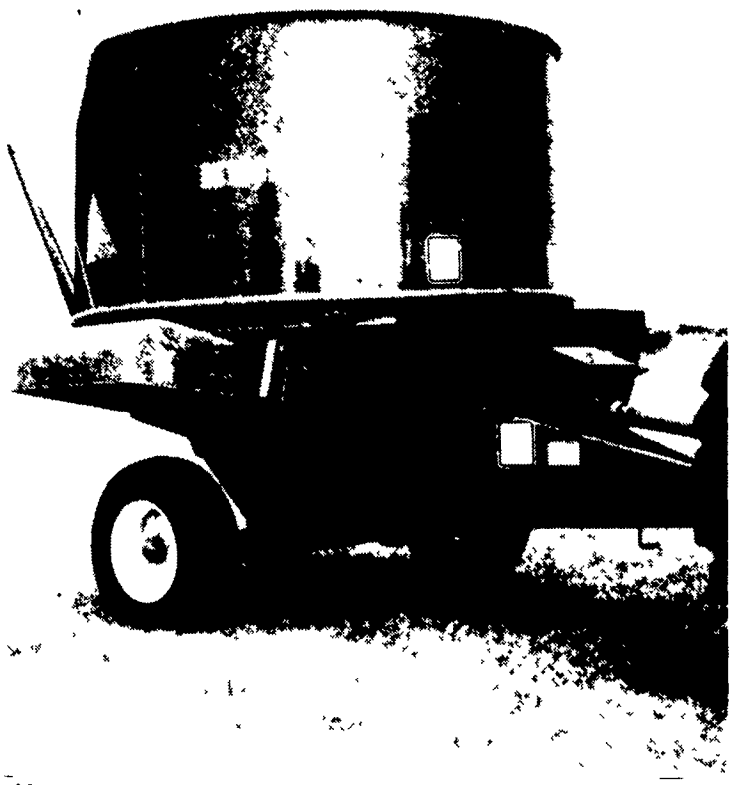


Hesston has developed new Tilt-Tub Round Bale Processor.

Tilt-Tub bale processor announced

HESSTON, Kan. — Hesston Corporation is revolutionizing bale processing with its new Model BP-20 Tilt-Tub Bale Processor. Designed after the proven and popular tub grinder concept, this self-loading processor handles nearly any type and shape of round bales.

Featuring a tub width of 7 1/2 feet, the BP-20's exclusive 90-degree tilting tub gives fast, easy self-loading bale pickup. And, whether there's a need to handle smaller bales in the dairy belt or process large round bales, this new processor can handle it all.

Fixed shredding knives combined with the rotating tub utilize the weight of the bale when processing, instead of "fighting" the bale's weight like some designs. Speed of the 49-inch deep container can vary for desired crop length, and it will feed bales at a rate of four to six minutes per bale, depending on crop and feeding conditions. The Processor will also vary chop length for different feeding operations.

"Our Tilt-Tub Processor incorporates speed of operation, reliability even under extreme conditions, and considerable flexibility," said Product Sales Manager Bob Granaas. "This model does the job even when the bales aren't perfect."

The BP-20 requires 540 rpm and can be operated on 60 horse-power tractors. Because of its high ground clearance, it allows feeding in wet or snowy conditions. It will range feed or feed into bunks up to 48 inches high, and the feeding mechanism will also "blow" straw up to 15 feet for making bedding.

Intensive care hospital developed for baby pigs

COLFAX, Il. — There are many types of hospitals: people hospitals, women's hospitals, children's hospitals, cat and dog hospitals, to name a few. But up to now, no baby pig hospitals.

Why baby porker hospitals? To increase profit for large scale hog growing operations.

Some hog breeding/marketing complexes are so large that they annually market upwards of half a million porkers each. Thus, even the smallest improvement in hog raising translates into thousands of dollars in additional profit.

Where do newborn baby pigs figure in this picture? It is because too many have not been surviving the first few days of their lives, even under the best management and feeding conditions.

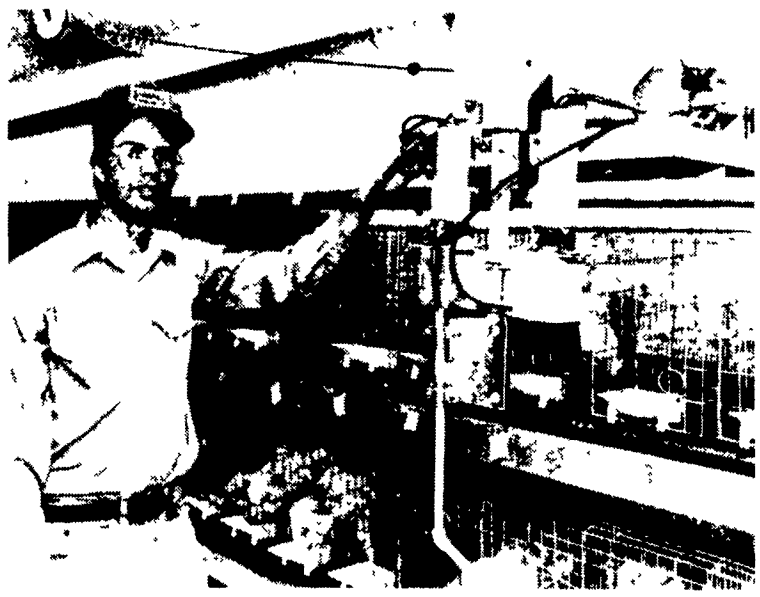
One typically large hog producer expressed it graphically when he said, "I found that I was carrying out an average of 20 dead piglets a week and that was costing me around $30,000 profit a year in pigs that I wasn't able to grow to market weight."

The underlying reason in the past has been that even under the best conditions, Mother Nature produces some runts in almost every litter born. They are the newborn porkers that start life a bit smaller and weaker than their litter mates. In the very important first hours of life they must scramble and compete to get to their mother sow's teats and drink some of the life-giving colostrum and then manage to get their share of the milk every few hours. In addition to competition with their more energetic siblings, they must adjust to temperature, ventilation and other conditions in the farrowing crate in which they were born. Then they must start gaining weight and vitality. In a comparatively few days, they must adjust to weaning with solid food.

What could be done with the baby pigs that were failing and would die soon? Too many did die, even under the most efficiently-operated facilities. Many of the leading scientiests in the industry have pondered the problem for years without reaching a solution that was satisfactory.

Several years ago, two men got together to see if they and their organizations could develop a successful solution. They divided their research into four categories:

1. Better environment for failing baby pigs



Baby pig hospital unit provides intensive care for new-born swine.

2. Better foods
3. Removal of sibling competition for food
4. Improved handling and care methods.

One of these two men was a feed expert: Don Meiners, President of Protein Plus Laboratories of Colfax, Ill., a long-time, well-known feed manufacturer.

The other was Gerry L. Underhill, head of Underhill Industries, Inc., of Delphi, Ind., a leading manufacturer of hog raising equipment used principally in hog confinement buildings. This firm also manufactures completely-equipped factory-built hog confinement buildings of all types which are hauled to the purchasers' sites by truck.

The research project took several years of study, first in laboratories and finally on farms raising 5,000 or more hogs a year.

The result was a specially-built and equipped "baby pig hospital" which was named Intensive Care Nursery after the intensive care wards in regular hospitals. From a physical standpoint, it is a unique 12 x 48-foot factory-built structure which is hauled by truck to the location where it will operate.

At one end inside is a room containing 54 small individual cages, each nine inches x 24 inches, each one to hold one baby pig patient. At the front end of each cage, there is a unique individual feed cup for a specially-developed liquid food. This food is a combination of special feed, synthetic sow's milk and medication.

An overhead machine automatically distributes measured amounts of feed to the cups every 90 minutes, night and day.

At the opposite end of the building, there is a nursery room with larger cages containing the pigs which have "graduated" to the weaning stage, eating a specially-formulated solid food. After these little pigs have gained enough weight in this nursery, they are taken back into the farm's regular nursery pens where they rejoin piglets of the same weight.

The room in the center of the Intensive Care Nursery building contains a furnace, ventilation system, heat recovery unit, water heater, water softener (in areas where needed) and automatic controls grouped together on one panel. There is a specially-designed dish washer to clean and sterilize the feeding cups every day.

This building is entered by a door in the side of the building, into the center room, through an air lock. This minimizes drafts and temperature/humidity changes. Drafts are prevented by extra-tight construction. All of this is especially important because the interior of the building is maintained at 90 to 92 degrees F., with 70 percent humidity.

How well have the Intensive Care Nurseries accomplished their purpose? There are now 10 of these nurseries in operation in three States, and operators state that

(Turn to Page D8)

Case gives cold weather tips

RACINE, Wisc. — According to J I Case, several procedures can be observed to make sure construction equipment and off-road vehicles will start and run properly in colder weather.

Keep the battery at full charge. Cold engine and transmission oil greatly increase cranking power requirements on a battery. Also, the liquid in a badly discharged battery can freeze in extremely cold temperatures.

Use lighter weight oils in the engine, manual tansmissions and differentials to reduce the starting load on the batteries.

Use a solution of ethylene glycol and water in the cooling system, varying the amounts of each as required by the climate.

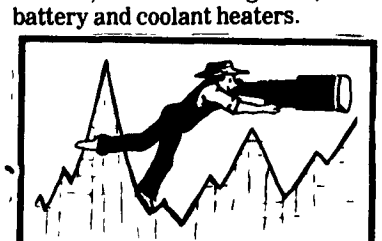
Operate the engine at speeds high enough to keep the engine coolant temperature at the correct level. When the engine is operated at idle speed, the coolant is not circulated sufficiently, and the engine can overheat, even in colder climates.

When finished for the day, park the machine on a hard, level surface, out of mud or water that can freeze the tractor to the ground. Then cover the end of the exhaust pipe to prevent moisture from entering.

Fill the fuel tank at the end of each day to prevent water condensation from forming in the tank.

If liquid ballast is used in the tires, check for correct solution to prevent freezing.

A local Case dealer can recommend other products to use while operating equipment in cold weather. These include dipstick heaters, ether starting aids, and battery and coolant heaters.



IH gives tractor maintenance tips

CHICAGO — A good tractor maintenance program should start with a tip of the cap — its radiator cap, says Vaughn Allen, director of product support for International Harvester.

Allen says maintenance is crucial to extending a tractor's life span and efficiency, whether it's a 20- or 200-horsepower model. Most maintenance costs easily can be recouped through extended service life, increased fuel efficiency and decreased downtime during the important planting and harvesting seasons, Allen points out. He says a good tractor maintenance checkup doesn't cost, but pays many dividends.

Before tipping the radiator cap, clean the entire machine, especially the engine area where accumulated grime can sharply reduce the tractor's efficiency.

"After a good cleaning, start by checking the operator's manual for cooling system maintenance recommendations for your equipment. If necessary, drain and fill the radiator with new coolant, and service the cooling system filter if so equipped," Allen points out. "While you're at it, check for possible leaks or loose hose clamps."

Clean air is important to proper engine function, Allen emphasizes. The air cleaner body should be inspected for any damage, and the primary element replaced if required. Also, inspect the muffler, manifold, pipes and clamps.

Proper engine lubrication is the best insurance against unexpected breakdowns, Allen says. "Operators should review the operator's manual for proper classification of all lubricants used in their tractors," he adds. "We also suggest owners utilize the Oil Laboratory Analysis (OLA) available at IH dealerships to monitor engine and drive train condition."

Oil should be checked and changed if necessary. At that time, operators should take an oil sample to check for anti-freeze, fuel, water or dirt contamination, he advises.

Condensation can pose a threat to the fuel system, Allen says, so be aware of possible water presence. Watch your fuel tanks — both tractor and storage tanks — for condensation.

If needed, the transmission fluid also should be drained and refilled along with a filter change.

Electrical malfunctions can be one of the most time-consuming problems to track during the busy planting and harvesting season, Allen says.

Start by checking the battery, and clean all terminals and posts. Inspect wires for cracks, frays or corroded connections and damaged hold-down clips. Don't forget to inspect the alternator and air conditioner belts for tightness, and replace if necessary.

Finally, Allen says, inspect all tires, wheels and steering linkage for excessive wear, then lubricate all main points noted in the operator's manual.

"A good way to top off a tractor inspection is to make sure the slow-moving vehicle sign is clean and in place before taking the tractor on the road," Allen notes. "After all, safety is a primary factor in your maintenance program."

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Cornell holds seed conference

ITHACA, NY — Seed producers, dealers, processors, and other representatives of the seed industry in the Northeast gathered here for the 46th annual Cornell University Seed Conference this week.

Held at the Conference Center of the Ithaca Sheraton Inn, the conference was sponsored jointly by the New York State College of Agriculture and Life Sciences at Cornell, the New York State Seed Association, the New York Seed Improvement Cooperative, and other industry groups.

High on the agenda were new developments and trends affecting the seed industry and discussions of progress made in Cornell's plant breeding programs, according to the conference chairman, William D. Pardee, chairman of Cornell's department of plant breeding and biometry.

Among Cornell's new crop varieties announced at the conference were an exceptionally high-yielding wheat and two alfalfa varieties, one resistant to a fungal disease known as "Verticillium wilt" and the other resistant to anthracnose, an alfalfa stem malady. Both diseases have become increasing problems.

The conference also featured a series of talks ranging from tissue culture in plant breeding and its implications for seed production to new services to be offered by the New York State Seed Testing Laboratory at Cornell's New York State Agricultural Experiment Station at Geneva.

Spin spreader is timely

WALLA WALLA, Wash. — A new, small-sized spin spreader that covers as much ground as bigger, conventional applicators has been developed by Wimer Machine Works. Called the Little Big Rig SS-60 Spin Spreader, the unit has been designed to trail behind three and four wheel ATC's and will cover up to 150 acres a day.

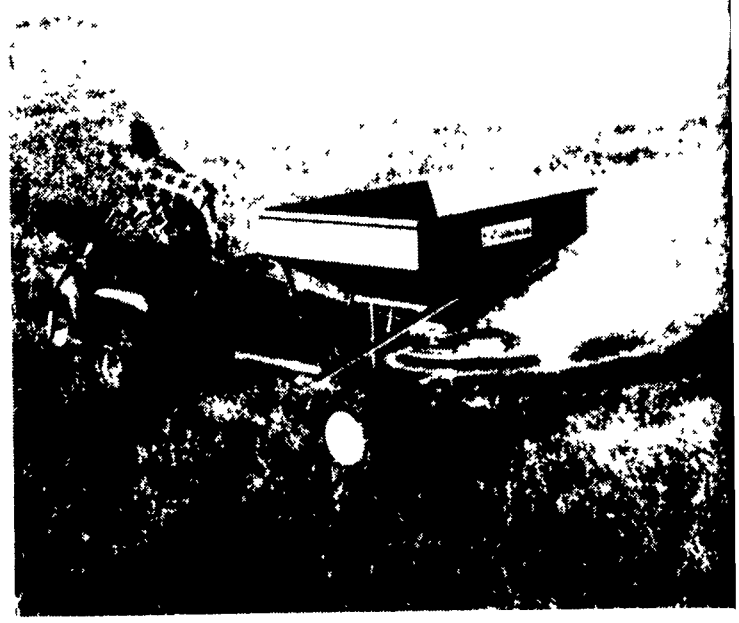
Because of the Little Big Rig's smaller size, it makes it possible to get into the fields earlier then with heavier, conventional rigs. This improved timeliness can mean increased yields and profits.

The Little Big Rig features a ground-driven broadcaster with an adjustable swath up to forty feet and can be used for fertilizing, seeding and other broadcast applications.

A manual on/off control and an adjustable pattern setting along with it's smaller weight and s makes the Little Big Rig S Spreader a versatile piece equipment for use on farms b and small, orchards, golf course parks, cemeteries, and more.

Wimer Machine Works al manufacturers the Little Big R Sprayer, a small-sized spray capable of covering up to 200 ac per day.

For more information on t Little Big Rig SS-60 Spin Spread or the Little Big Rig Spraye contact R&R Agri-Product P.O.Box 2115, Walla Walla, W 99362.



Little Big Rig Spin Spreader can cover up to 150 acres day.

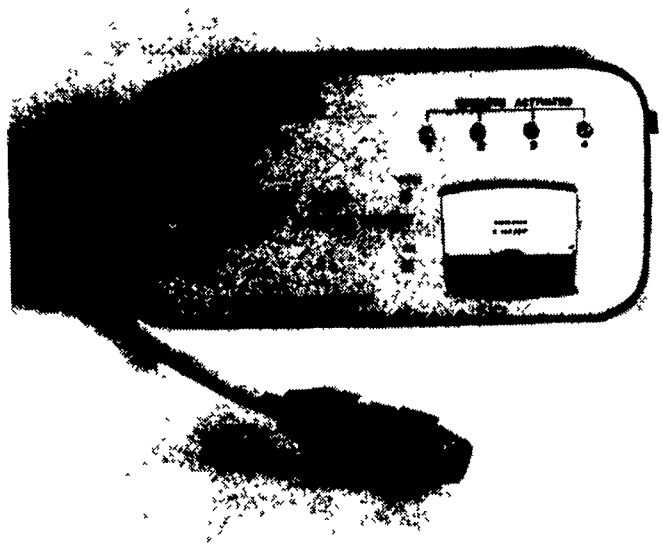
Ammonia monitor listed

EASTON, Md. — Papillon Agricultural Products, Inc., of Easton, Md. has introduced an atmospheric ammonia monitor for poultry houses.

The "Model 210" Sequential Ammonia Monitor has the builtin capacity to control four independent circuits, allowing the user to automatically control ventilation fans and curtains to maintain a preselected ammonia level in the house. Fans can be operated either independently, or sequentially, Alarms, lights, and other electrical devices can also be activated at any ammonia level selected.

The "Model 210" provides highly accurate ammonia detection from 0 to 100 ppm and comes with a direct-read meter mounted on the control panel. The sensor head is equipped with 156 feet of pretested shielded wire. Additional sensor head line extensions are available in 50, 100, and 150 foot lengths.

Dependability, accuracy, and flexability of use were the primary concerns during the last year of development and field testing. Confidence gained during this period has allowed the manufacturer to offer a one year full guarantee on all parts and labor, plus a 30 day unconditional satisfaction guarantee.



Baby pig hospital

(Continued from Page D6)

they are saving 80 percent to 90 percent of the baby pigs which would have died under ordinary conditions in the farrowing crates where the baby pigs were born. After these "patients" returned to regular nurseries and growing pens, it was found that they attain the same sizes and weights as other pigs. Some of the Intensive Care Nursery operators have figured that these piglet life-saving units pay for themselves in as little as two years of operation on farms marketing as few as 5,000 hogs per year.

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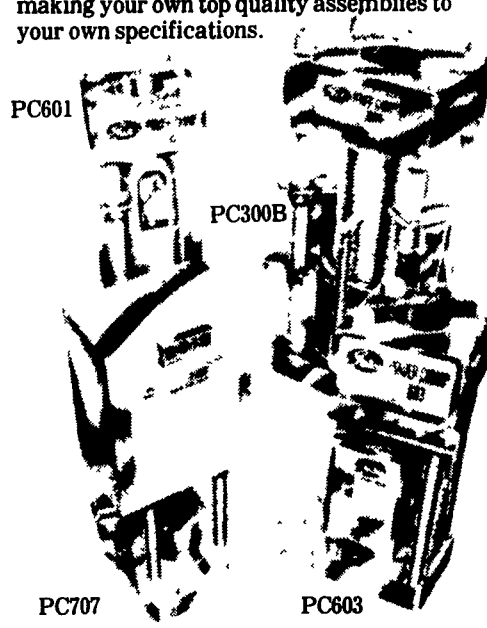

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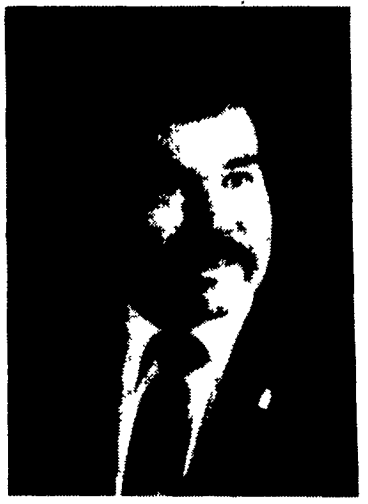

Brian P. Ward

Dairy executives named

ROSEMONT, Ill. — Richard M. Kennedy has been named director of communications and public relations for the United Dairy Industry Association (UDIA), effective Oct. 17. His responsibilities include implementation of all public relations and communications programs designed in cooperation with communications personnel from UDIA member organizations and affiliated units.

Kennedy previously served as director of public relations and consumer affairs for Spartan Stores, Inc. in Grand Rapids, Michigan, and as vice president, account development, for Norman, Navan, Moore & Baird, a public relations agency also located in Grand Rapids. He has also served as a member of the Government Relations Committee and Communications Committee for the Food Marketing Institute (FMI) in Washington, DC, and has served as a member of FMI's Consumer Affairs Council.

A resident of Chicago, Illinois, Kennedy has a degree in journalism from Marquette University, Milwaukee, Wisconsin.

SYRACUSE — Raymond Johnson, President of the American Dairy Association and Dairy Council (ADA/DC), has announced the appointment of Brian P. Ward as Executive Vice President of the organization. The announcement was made at a full board meeting held on Oct. 30, in Syracuse.

Mr. Ward has served as interim manager of ADA/DC for the past six months. He joined the Association in 1981 as director of the Foodservice Division.

In his new assignment, Ward will be responsible for carrying out the policies and programs as designated by the ADA/DC Board of Directors. He will oversee all advertising and sales promotion programs, as well as general office operations.

Prior to joining ADA/DC, Ward worked with Jewel Companies, Inc. as Operations Manager. He obtained his Bachelor of Business Administration degree from Western Michigan University in advertising and marketing. He has also done graduate work at Indiana University.

The American Dairy Association and Dairy Council is a milk promotion organization directed and funded by dairy farmers in the Federal Order 2 areas of New York, New Jersey and Pennsylvania.

Bush Hog cites new rotary ditchers

CARLISLE — Bush Hog now offers two models of rotary ditchers featuring gearboxes up high on the machine away from dirt and mud, according to Bob Weaver of, Carlisle, Bush Hog sales representative for Pennsylvania and New Jersey.

Additional shock load protection for the gears and drive train is provided by slip clutches.

"Bush Hog ditchers are designed for use in flooded or poorly drained fields–anywhere drainage is a problem," Weaver said. "Faster and more economical than back hoes, they work well in all types of soil, in water and mud, and in rough or uneven terrain."

The RD50 series is equipped with two cutting wheels to dig as deep as 50 inches while the single-wheeled RD20 digs 20 inches deep. The RD20 has a 540 RPM gearbox for 50-60 horsepower tractors and can be offset up to 22 inches from the tractor's center line.

New rotary ditchers are being offered by Bush Hog.

The RD50 is available with 540 or 1,000 RPM gearboxes for 90-140 horsepower tractors.

Both models are equipped with Category II hitches and deflectors that can be set to pile dirt along the ditch or to throw it up to fifty feet to the side.

Hostetter gets computer training

OAK BROOK, Il. — Stephen Hostetter has been certified to sell and service the new line of InFARMation on-farm computers for Hostetter Surge.

The InFARMation line includes the Feed Manager computerized feeding system, which automatically adjusts the amount of feed a cow gets, continuously, for every day of her lactation period.

In order to be certified, Hostetter completed training in the application of computers on dairy farms, as well as service and installation of the systems.

Hostetter also received extensive training in software usage, hardware trouble-shooting and repair. He was certified at the Surge Training Center, located near St. Charles, Illinois, where he received his training.

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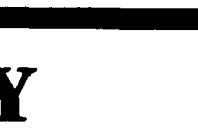

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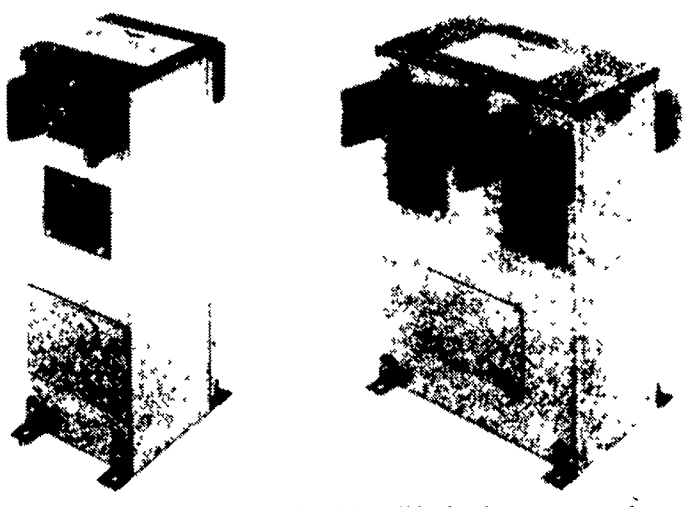

The Big Blue II, left, and Big-blue IV nipple waterers from Trojan are available in new stainless steel models.

Trojan reports new waterers

CONRAD, Ia. — Trojan all-weather nipple waterers for outdoor and indoor use are available in a new stainless steel model, according to Jerry Knief, senior design engineer, Trojan Specialized Livestock Equipment.

"The stainless steel Big-blue II and stainless steel Big-blue IV nipple waterers will not corrode. Nitrates, manure, water and other corrosive farmyard elements cause galvanized units to rust out over a period of time, usually less than 10 years. Stainless steel is virtually corrosion free. The Big-blue II has two nipples; the Big-blue IV, four nipples.

"Another big benefit is its new adjustable nipple heights. As usual, the standard nipple height is set at 20" for larger hogs. Now nipples can be adjusted down to 14" for weaned pigs. This gives the hog producer flexibility in watering both large and small hogs," says Knief.

"The type of casings, installation, the heating system, thermostats, and access panels remain the same in this new stainless steel model. It comes complete with the Trojan #75 stainless steel nipples and can be easily installed in most kinds of operations.

"The Big Blue Stainless Steel waterer is electrically heated and thermostatically controlled for the most economical and efficient way to water hogs," says Knief.

Study eyes job impact

NEWARK, Del. — Delaware could be getting more employment out of federally supported programs than some other states, according to Daniel S. Kuennen, extension community resource development specialist for the University of Delaware.

He says that a recent General Accounting Office (GAO) study of federal economic development assistance programs shows that these programs differ in their effects on area employment, depending on such industry and regional characteristics as proximity to markets, state and local tax incentives, labor supply, wage rates and available housing.

Based on this information, Kuennen says state and local development strategies should be tailor-made for best results.

"For example, the study shows that whether aid is provided in the form of grants, direct loans or loan guarantees, manufacturing has the greatest effect on jobs," he says, "while public works grants have more impact on employment than other types of grants. They also have a greater effect than loans or loan guarantees."

Kuennen says the GAO findings should be of interest of local policymakers, since the study indicates that states respond to economic stimulus in different ways, depending on whether they have low, medium or high employment growth. (According to data used in the study, Delaware is in the low growth group.) When analyzed according to these categories, grants were shown to work best in states with low employment growth.

"It's not easy to count jobs associated with a project," the specialist cautions. "They can be permanent or temporary, full-time or part-time, actual or expected, private or public. No uniform standard exists."

Usually two tests are used to determine the impact on new jobs created by a federal development program. The substitution test asks whether or not private business firms, state or local governments would have funded the projects without federal assistance. The second approach is the relocation test. This asks whether or not the project would have located elsewhere without federal aid.

Previous attempts to evaluate economic development policy have used a case study approach, Kuennen says. The GAO study created an econometric model which gives planners a handle on how development strategies affect employment.

This particular model shows that Delaware falls in the low employment growth category, which means the benefits from federally supported programs should be greater than in many other states. In other words, it appears that Delaware should be getting more employment out of its grant dollar.

Insider joins sire lineup

PLAIN CITY, Oh. — 7H1516 Coldsprings Insider is a new October release from Select Sires. He joins the Select Sires proven Holstein lineup along with 65 other genetically superior sires.

This Conductor son carries on a tradition for high milk production (+976M) and outstanding type (+1.41PDT). Insider sires the modern dairy cow, a cow that is above average for stature, very angular, has a wide rump, and exhibits depth of heel. Furthermore, Insider daughters have tremendously high, wide rear udders.

Insider was acquired from Edrich Farms, Inc. and breeder Marlin Hoff of Maryland.

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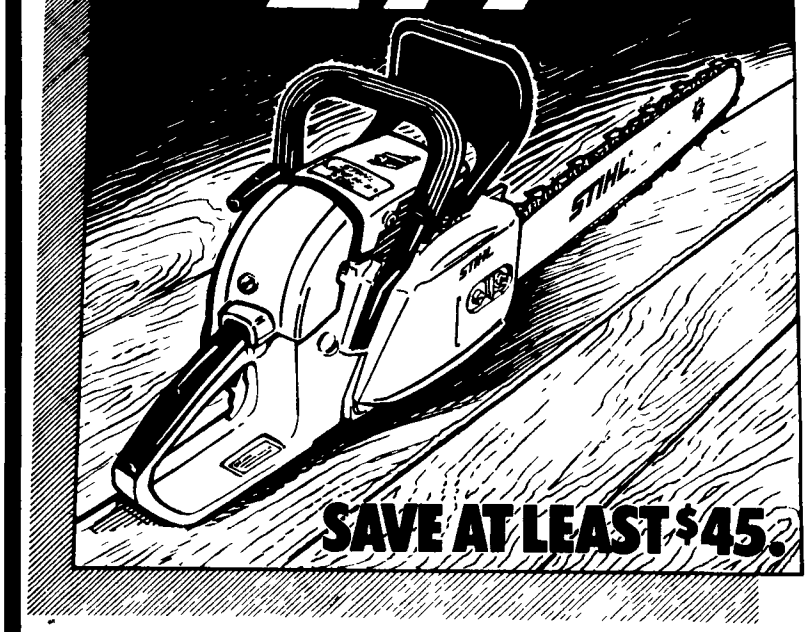

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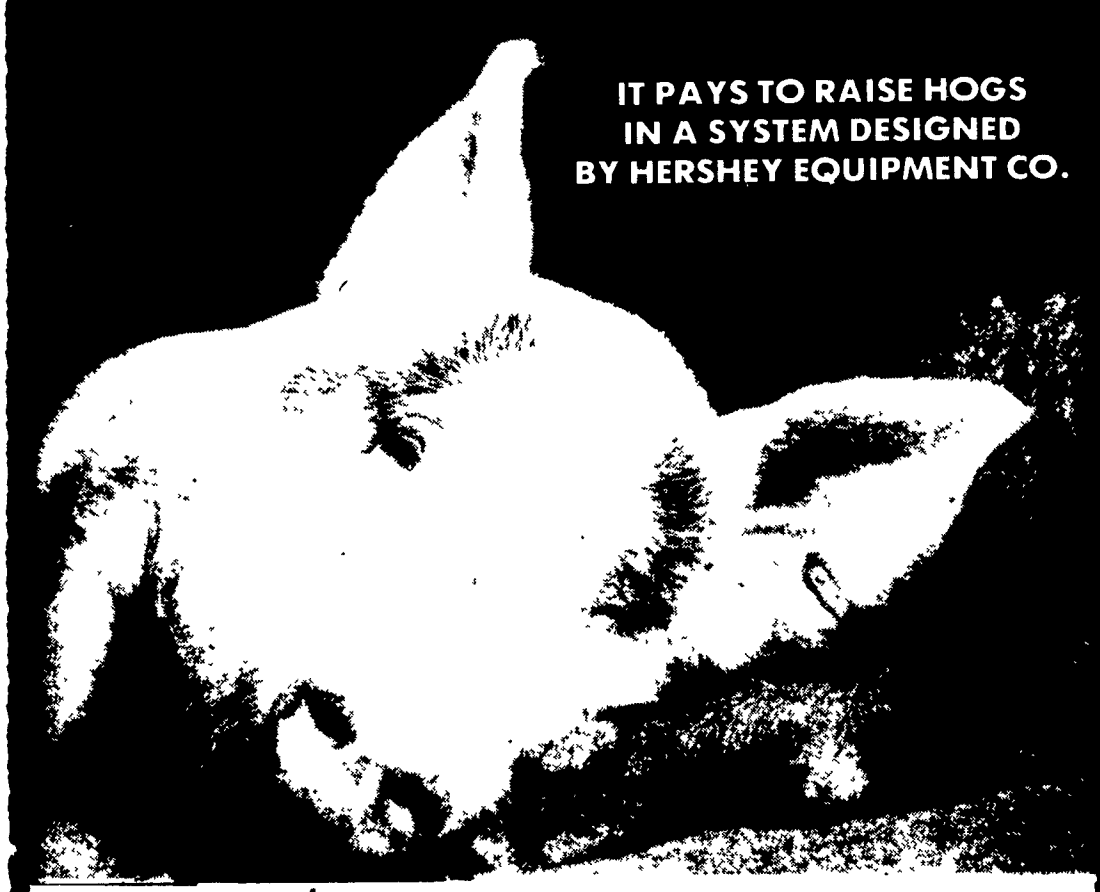

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1,000	5'4"	6'0"	7	1,028	388.00
1,500	5'4"	9'0"	7	1,388	522.00
2,000	5'4"	12'0"	7	1,735	635.00
3,000	5'4"	17'11"	7	2,432	858.00
4,000	5'4"	23'10"	7	3,130	1082.00
4,000	8'0"	10'6"	1/4"	4,195	1504.00
5,000	8'0"	13'7"	1/4"	4,484	1744.00
6,000	8'0"	16'2"	1/4"	5,123	1934.00
8,000	8'0"	21'6"	1/4"	6,475	2424.00
8,000	10'0"	14'0"	1/4"	6,712	2368.00
10,000	8'0"	26'10"	1/4"	7,825	2859.00
10,000	10'0"	17'0"	1/4"	6,956	2622.00
12,000	8'0"	32'0"	1/4"	9,135	3324.00
12,000	10'0"	20'6"	1/4"	8,074	2982.00
15,000	8'0"	40'0"	5/16"	14,023	5025.00
15,000	10'0"	25'6"	5/16"	12,858	4647.00
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4,000	5'4"	23'10"	7	3,130	250 to 400
6,000	8'0"	16'0"	1/4"	5,588	360 to 420
8,000	8'0"	21'4"	1/4"	6,981	480 to 560
10,000	8'0"	26'8"	1/4"	8,375	600 to 700
12,000	10'0"	20'4"	1/4"	8,000	700
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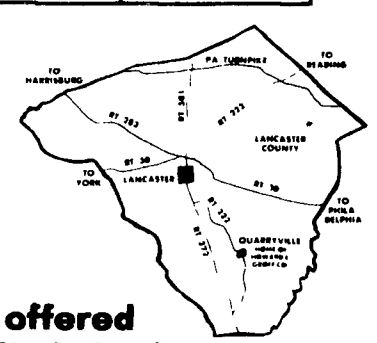

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MANAGING TAXES

Farmers should spend some time on developing their tax management program or hire someone else to do it. Example: Why buy 1985 fertilizer now? There is only one reason for doing it. That is if a combination of discounts on the fertilizer and tax savings on 1984 taxes exceeds the cost (or loss) of interest on the money used to make the purchase. If there is no tax savings because there are no taxes, then the discount alone must offset that interest. The answer to this problem is step one in tax management.

Should you sell cows or steers or logs or land in 1984 or should you sell all or part of the item in 1985? This one becomes a little more complicated than the fertilizer problem because (a) will the cost of keeping the item be greater than the entire tax, (b) will prices be higher or lower later, (c) will the buyer still want the property later or (d) do you even have taxes to pay?

Let's Start

Estimating your 1984 tax consequences can be done. It will require (1) a good set of records and (2) last years tax return.

First, get your record book in shape. Then add up all of your income and expenses. Subtract the income from the sale of capital items such as dairy or breeding animals, timber, and land. Then subtract the expenses from the income. Multiply the result by 1.2. That is your cash farm return. Now turn to your 1983 return. Find line 53 on Schedule F and subtract the amount on that line from the above answer. Now you have an estimated farm profit. Compare it to the amount on line 19 of 1983 form 1040. How much above or below is it? Next take your 10 month capital sale income and add to it an estimated income from capital sales for November and December. Multiply that answer by 0.4. Compare the result to line 13 on the 1983 form 1040. Is it above or below?

Now that you have an idea of whether the 1984 taxable income is higher or lower than the 1983 taxable income, you are ready to make some decisions.

If Higher

Decide: (a) should I try to reduce it, (b) do I have investment credit left over or will I have investment credit from purchases this year, or (c) will I actually be further ahead leaving it higher?

If (a): If you answer yes to this, the fastest way to reduce it is to buy fertilizer, feed, seeds, or supplies ahead. Second is to buy machinery. Third is to buy buildings.

If (b): You have opened up some additional questions. Is the available credit greater than last year? If so you may wind up with a very similar situation to last year.

If (c): Sometimes reducing taxable income can cost you money, especially in the $5000 to $7000 area. This is where earned income credit is the greatest. It will probably be high enough to pay all or most of your social security tax.

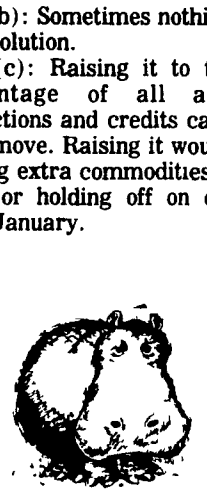
If Lower

Decide: (a) should I reduce it further, (b) leave well enough alone, or (c) raise it.

If (a): Use the same answer as in (a) above.

If (b): Sometimes nothing is the best solution.

If (c): Raising it to take full advantage of all available deductions and credits can be the best move. Raising it would entail selling extra commodities such as corn or holding off on expenses until January.



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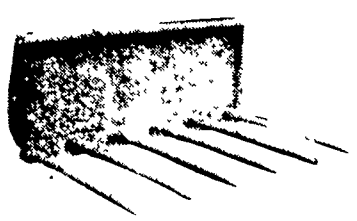

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Chester conservation directors tour the Bay

CHESAPEAKE BAY — "Chesapeake Bay is shallower than I thought!"

Has the Bay always been this shallow?"

"The corn fields came down to the water's edge. There are water grasses growing there. Why shouldn't they be dead from the run-off of the corn fields?"

These and many more questions were raised and discussed when the Directors of the Chester County Conservation District recently spent the day taking an 'on-sea' look at Chesapeake Bay. The Directors wanted to see for themselves the expanse of water that has been the focus of a seven year, $27 million study. The watershed is now being targeted for a multi-million dollar nutrient reduction program.

The harvest of fish and shell fish from the Bay has declined dramatically in the past 20 years. Water grasses and other vegetation that the harvest depends on – have disappeared. The fishing industry that utilized the Bay is slowly withering away.

The $27 million study alleges that the nitrates, phosphates, potash and trace minerals being eroded from farmer's fields and flushed from dairy, poultry, pig and beef operations are the major causes of the decline. Conservation Districts in the watershed are gearing up to locate the "worst-cases" contributing to the demise of the Bay harvest. Farmers with potential nutrient run-off will be encouraged to use the multi-million dollar subsidy program for the construction of nutrient-containing facilities.

Directors on the day-long trip were Charles Harris, Cochranville; Pownall Jones, Toughkenamon; Robert Hodge, West Chester; Jenny Russell, Lewisville and Harold Kulp, Pottstown. Elbert Wells, SCS,USDA accompanied the Directors. Elizabeth Hodge served as skipper on the trip.

Cruising down the Sassafras River in the 37-foot sloop Contrail, the group saw the bay grasses along the shore. Boat speeds were limited to six miles per hour or less to reduce the erosion of the river banks. It was pointed out that large yachets and excessive speeds causes high wave action. This, and wind caused waves, had undermined sections of the banks along the Bay shore. Directors recognized that some of the silt in the Bay must have come from natural sources.

Sailing across the Bay, the changes in water depth were noted. Five to ten or fifteen feet was common. It was necessary to stay in the marked channel to avoid grounding. Crossing the shipping channel toward Harve-de-Grace, MD., depth increased to forty feet. The navigation charts indicated as little as one and two feet depth of water in upper sections of the Bay.

Veteran Chesapeake Bay watchers suggest that Hurricanes Agnes and Hazel did much to upset the ecology of the watershed streams feeding into the Bay. Gulleys and scars were started which feed silt and sediment into the Bay. It will take years for them to reach an equilibrium and heal.

Dr. Tony Mazzaccaro, Assistant Director of the Maryland Extension's Marine Advisory Program, speaking at a recent meeting in Maryland, contended that a principal source of phosphorus is detergents used in laundries. It finds its way into the sewage and ultimately into the waters of the Bay. He also linked the change from farming to urbanization as part of the problem. He indicated that the Bay watershed has lost 24 percent of its agricultural cropland, 39 percent of its pasture land and 13 percent of its forests to suburbia.

Mazaccaro pointed out that more people mean more sewage. And sewage plants don't clean the effluent, they disinfect it. He estimates that 70 percent of the treatment plants in the Bay area are substandard.

Long time Bay watermen have been quoted in the Cecil Whig as saying that the state had used herbicides to kill the grasses so that they would not foul up the motorboat propellers. The waterman say that exhausts, bilge cleaners and toilet chemicals continue the devastation of aquatic life in bay.

Jenny Russell and Pownall Jones collected water samples for testing by the Algal Virual Research Center, Landenberg, PA. Marjorie Kraus, Research Director for the Center will check them for pollution and virulence. Other samples were taken to compare sediment loadings now with loadings collected next spring. Probing in the boat channel found very little sediment accumulation.

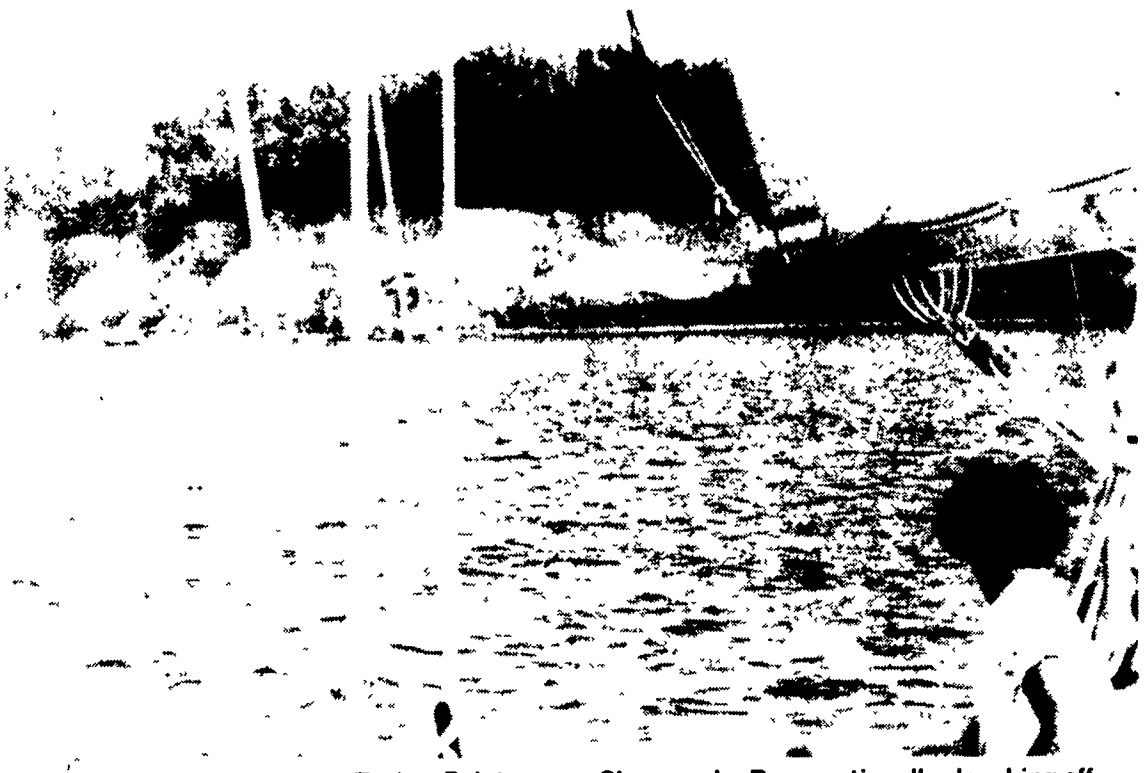
A passing tug, pushing two stone-laden barges, kicked up turbid water in its wake. The currents from the thrust of the propeller apparently reached the bottom and forced mud to the surface. A radio call to the Captain of the tug revealed that the stone was to be used for the construction of a ship mooring facility near Philadelphia. The stone was quarried near Port Deposit, Md. It had to travel the length of Chesapeake Bay, out into the Atlantic ocean and back up Delaware Bay, over 400 miles, to reach its destination.

This day, being the first day of Goose season, several blinds and decoy sets were spotted. A number of geese had been harvested by the middle of the day. They were displayed on the fantail of the tender.

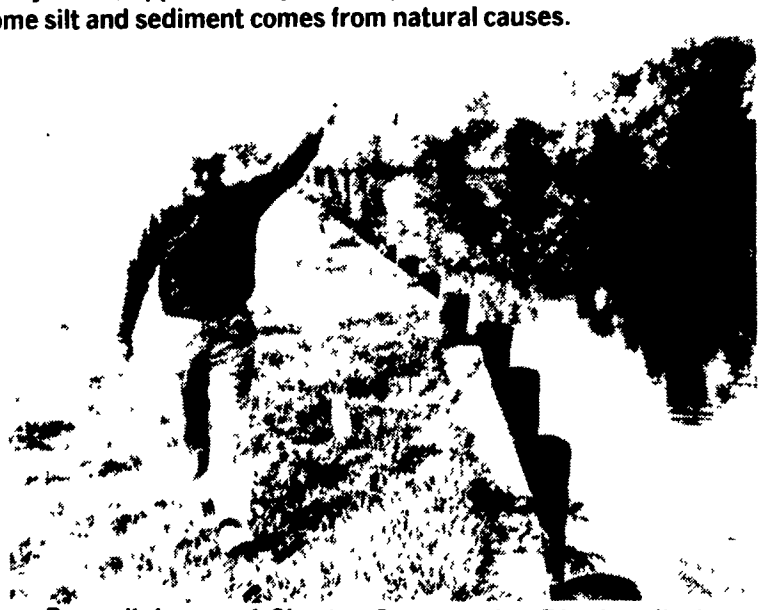
Conservation District Directors appreciated the trip. "It gave me a better perspective of what we are concerned about–it's clean water and not damaging neighboring property. Even though that property may be many miles away from us," Charles Harris said. "Some farmer's group should do an investigation of the dumping areas," Bob Hodge suggested. Apparently, there are areas in the Bay where scows have dumped various types of wastes during years past. Does anyone know what has been dumped? The Army Corps of Engineers might have some information Hodge said.

"The Bay is large and the interrelationships complex," Pownall Jones pointed out. "The Chespeake Bay watershed has always been intensively farmed. Has farming changed so much in the past 20 years as to upset the Bay," Harold Kulp asked? "Perhaps there should be additional analysis of the rivers feeding the Bay to pinpoint possible over-normal contributions from any of them," Jenny Russell suggested. "A biological study of bottom sediments might indicate factors now being overlooked."

The District Directors are now in a better position to consider and evaluate proposed programs for Chesapeake Bay that will impact Chester County agriculture, participants said.



Raw steep banks near Turkey Point, upper Chesapeake Bay, continually sloughing off into the Bay, indicate that some silt and sediment comes from natural causes.



Pownall Jones, of Chester Conservation District, displays water sample from Elk River below Elkton, Md. Sample will be tested.

Some 180 tons of stone were placed by a bayside farmer to prevent scouring from the discharge of a field waterway into the Chesapeake Bay. Chester County conservation directors examine project.

Sediment samples are taken from the bottom of Chesapeake Bay during Chester conservation directors' tour. Bob Hodge holds pail while Elbert Wells releases sample. Jenny Russell stands on boat's transom to take water sample for testing at Algal Virual Research Labs. Harold Kulp, left, and Pownall Jones look on.

Poultry report available

TROUTMAN, N.C. — Results of the recent North Carolina Random Sample Test and Fourth Annual Egg Quality Contest and an article on Managing Feed Restrictions of Hisex Brown Layers are among features in the latest issue of Hisex News, a publication from the Hisex Division of Pilch, Inc.

Published periodically by the Hisex Division, the Hisex News also features an article on the availability of new technical manuals, an article on Mr. Charles Dixon, a veteran of 50 years in the poultry industry, plus other items of interest.

For a free copy of Hisex News, contact Hisex Division of Pilch, Inc., P. O. Box 438, Pilch Road, Troutman, N.C. 28166-0438.

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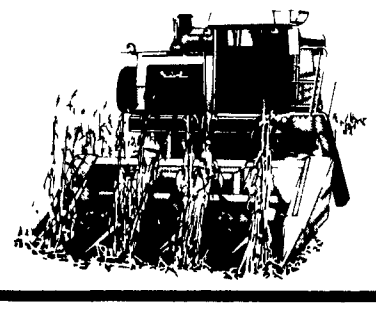

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Commodity supports affect Md. farmers

COLLEGE PARK, Md. — Government commodity plans keep the country's larger farms afloat but also play an important role in Maryland agriculture, according to an agricultural economist at The University of Maryland.

"Most of the information available suggests big farms get the most benefits from commodity price support programs," Dr. Bruce Gardner says. "But I think we can make the argument that such programs make a real difference for small farmers," he says.

To benefit from commodity programs, farmers must plant many acres. On smaller farms, with less defense against loss, such programs can mean the difference between financial success and bankruptcy. Crops without supports are, therefore, forced to confine their operations to levels at which they can stand the risk, Gardner notes.

Although the idea is a novel one, Gardner says basic observation of the size of the state's fulltime farms, and what they produce, supports the theory.

"Look at the areas where we have no price supports," he says. "There are fewer farms or we see small farms that require large amounts of labor only in certain seasons."

There are exceptions. Gardner says tobacco farms are examples of small-scale commodity producers without price supports in Maryland.

The economist notes Maryland tobacco farmers gave up federal support plans about 10 years ago when they decided to market their own product. They feel they can do as well without the support plans, he says.

Vegetable farms in the state are examples of intense labor operations that Gardner says are also exceptions. Poultry, another Maryland commodity without government support, tends to operate on a larger scale in the state, he says.

Even without supports, tobacco, poultry and vegetables are financially inviting here, Gardner says. Their small land commitment or close management and high labor needs make them work without government help, he says.

The Maryland economist also says other issues affect state farmers as much or more than commodity pricing plans. He says farmers here seem more concerned with what they can do with their land.

Rising land values in the state make zoning and land use laws more important to Maryland farmers. Gardner says they appear more concerned with how the government says they can use their farmland and pass it on to their children than with price supports.

All these are important to both small and large operations, Gardner says. He also notes that the ways farmers can use their resources often determines their participation in commodity programs.

A 1983 report by the council for Agricultural Science and Technology which reviewed economic policy options, suggested several alternatives to increase small farm commodity support programs.

Target prices for grain could be adjusted to different levels for different sized operations, the report said. Also suggested was the possibility of a direct lump sum payment to all producers if the commodity price falls below a given level.

Since Maryland farms are not normally large-scale operations, Gardner says such plans would benefit the state's farmers.

Views on whether commodity programs affect the number and size of farms are not normally supported by studies, Gardner says. However, he believes such effects should be taken into consideration in implementing price support plans.

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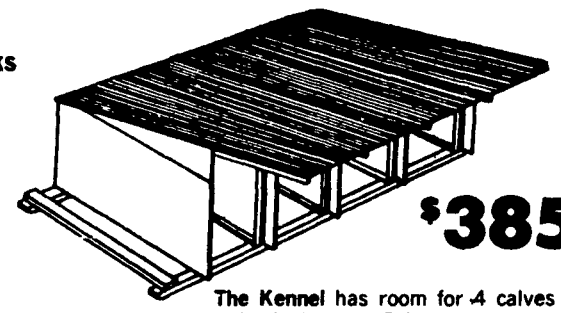

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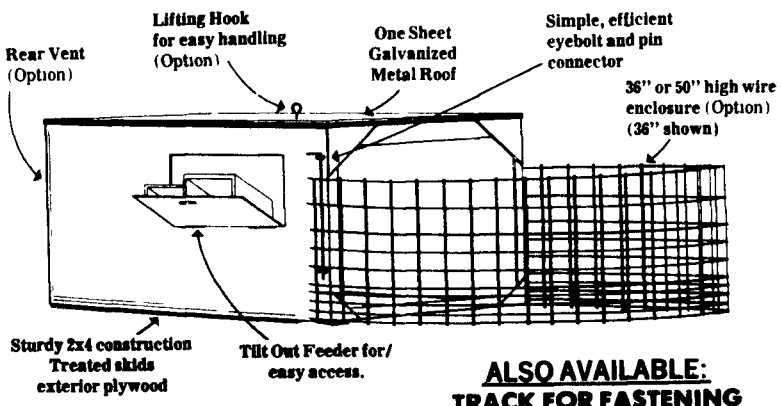
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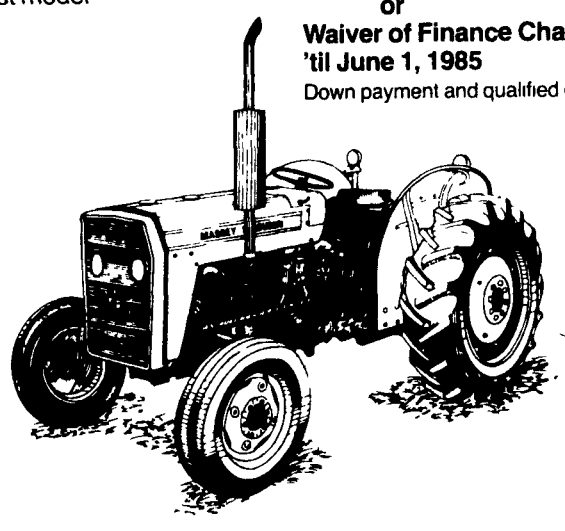

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Forage Superbowl winners announced

MADISON — High quality forages, some of them supporting more than 2,500 pounds of milk per ton of dry matter fed, took top honors at the WORLD'S FIRST Forage Analysis SUPERBOWL. The contest was held in conjunction with World Dairy Expo.

The winning hay entry, submitted by Raymond Berner, Seymour, IA, had a crude protein (CP) of 24.4 percent, acid detergent fiber (ADF) of 26.5 percent, neutral detergent fiber (NDF) of 36.6 percent and dry matter digestibility of 68 percent. With his winning entry, Berner receives one year's free use of a Sperry New Holland Model 999 Haybine Mower-Conditioner.

Dave Koester, Dakota, Il, won the haylage division with an entry that contained 22.5 percent CP, 23.4 percent ADF, 32.3 percent NDF and had a dry matter digestibility of 71 percent. Koester receives a Clay Ring-Drive Silo Unloader.

Pete Lathrop, Sherburne, NY, was the second-place winner in the hay division and Elmer Hanson, Elk Mound, WI, was the second-place finisher in the haylage division. Both receive one year's free use of a Brillion Sure-Stand Seeder and two bags of alfalfa seed.

LaVerne Fisher, Oxford, WI, was the third place finisher in the hay division. He receives eight bags of alfalfa seed, a Northwest Ag Consultants hay coring tool, a Madison Farm Structures forage tester and one bag of Nitragin Pelinoc inoculant. Rick Roberts, Whitney, NE, was the third place haylage winner. He receives a year's use of a Gehl Company self-unloading forage box and one bag of Nitragin Pelinoc inoculant.

The Forage Superbowl was sponsored by HOLSTEIN WORLD, the University of Wisconsin Extension Service, Wisconsin DHIC and World Dairy Expo. It was supported by 40 commercial companies.

There were 292 total entries in the contest, according to Dr. Dwayne Rohweder, UW-Extension agronomist, with 65 of them invited to send samples for a second round of judging at World Dairy Expo.

Judging was done on the basis of the cow as the consumer of the forage, explains Rohweder.

"You can have tons and tons of forage dry matter, but it won't be of any value if the dairy cow won't eat it and produce milk and meat," he says.

Judging was primarily based on nutritional content and palatability of the forage using Near Infrared Spectroscopy. In addition, 20 percent of the score was based on visual aspects of the forage such as color, odor and freedom from molds. Another 10 percent of the score was based on the amount of milk one ton of the forage would produce based on a computer-projected ration and five percent of the score came from on-farm information.

"We were very pleased with the level of quality and the number of entries in this first-ever, international forage analysis competition," says Stanley Bird, HOLSTEIN WORLD vice president of marketing.

Two-thirds of the final samples contained crude protein levels greater than 22 percent. Nearly half of them had dry matter digestibilities of more than 66 percent. If cows were fed only these forages without any grain, dry matter intake would average 41 pounds per day with enough energy to support 51 pounds of milk, says Rohweder.

In a balanced ration, forages of this quality could support more than 2,500 pounds of milk per ton of dry matter fed. The value of the forage, based on the amount of milk produced, would be more than $300 per ton.

"If all dairymen could produce forages of this quality, they could markedly increase their milk production efficiency and decrease their cost of production," says Rohweder.

Brad Rugg, executive vice president of World Dairy Expo, says the Forage Superbowl added a new dimension to Expo. Dairymen attending had the opportunity to compare these forages to forages they produce on their own farms.

With the contest being so well accepted this year, plans are already underway to conduct a second, even larger contest next year, concludes Bird.

Grain meeting on Dec. 6

DOVER, Del.—A meeting on grain marketing strategies for Delaware farmers and grain dealers will be held Dec. 6, from 8:30 a.m. to 12 noon at the Sheraton Inn in Dover, Del.

Main emphasis of the program will be on disposing of the rest of the 1984 grain crop, with some mention of preliminary indications for the 1985 crop. The meeting is being sponsored by the Delaware Cooperative Extension Service.

A $5 fee will be charged. Deadline for registration is November 28. For further information or to register, contact extension marketing specialist Carl German at 230 Townsend Hall, University of Delaware, Newark, DE 19717-1303 (451-1125).

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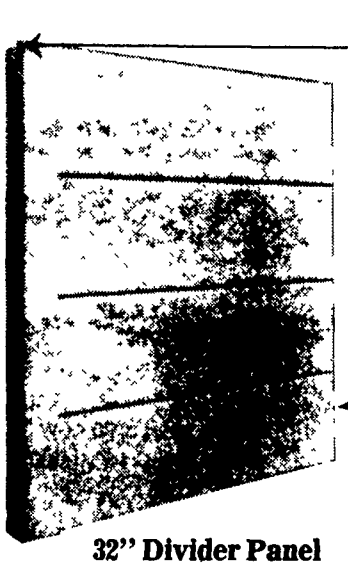

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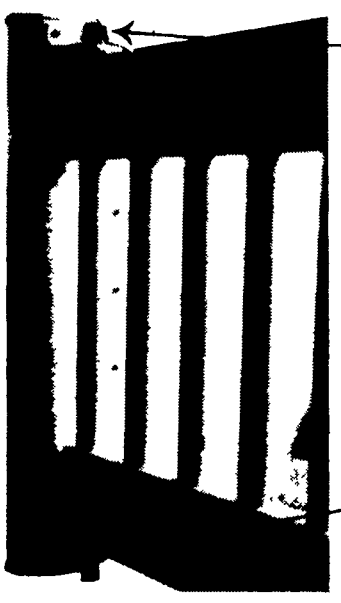
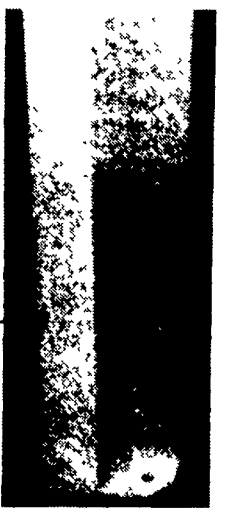


Hog Gate

Tee Hinge & PVC Drop Pin

4"x4" Corner Post



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Lamb standards changed

WASHINGTON, D.C. — A U.S. Department of Agriculture official has announced changes in U.S. grade standards for slaughter lambs, yearlings and sheep, effective Nov. 26.

Paul M. Fuller, a livestock official with USDA's Agricultural Marketing Service, said the changes align the standards with previously revised standards for carcasses of lamb, yearling mutton and mutton.

The primary changes in the carcass standards – requiring only one 'break joint' and dropping feathering (streaks of fat) as a grade factor – are not discernible in live animals. Therefore, quality requirements for slaughter lambs, yearlings and sheep did not require revision, Fuller said.

Consistent with other carcass changes, the changes for slaughter animals will standardize the quality and conformation (shape) compensations, add descriptions of degrees of muscling associated with each grade, and drop the cull grade for slaughter lambs and yealings, he said.

The changes are not expected to affect the number of lambs in the prime, choice and good grades, Fuller said.

USDA proposed the grade changes Feb. 21. The final rule is scheduled to be published in the Oct. 26 Federal Register.

Penn State Extension presents awards

Jay Irwin's service lauded

UNIVERSITY PARK — Jay W. Irwin, Lancaster County Extension director, received a Distinguished Service Award from the Pennsylvania chapter of Epsilon Sigma Phi, national honorary extension fraternity, Oct. 31 in State College.

Irwin was cited for his educational programming and leadership in helping eradicate the avian influenza virus which caused the death of more than 11 million chickens and turkeys in southeastern Pennsylvania during the fall and winter of 1983-84.

Elk County Agent gets award

Gregory Burns, assistant Elk County Extension agent, was recipient of the New Worker Achievement Award presented by the Pennsylvania chapter of Epsilon Sigma Phi, national honorary extension fraternity. Presenting plaque at the chapter's annual meeting in State College Oct. 31 is Bette Walters, Forest County Extension home economist, awards committee chairperson. The award is presented to a member of The Pennsylvania State University's Extension staff with two or less years of service and who has developed outstanding educational programs. Burns, a Penn State employee for six months, was cited for his educational work with Elk County farmers and industry representatives.

Extension fraternity elects officers

1985 officers of the state chapter of Epsilon Sigma Phi, national honorary extension fraternity, elected at the organization's annual meeting Oct. 31 at The Pennsylvania State University, are from left: Blaine Schlosser, Crawford County Extension director, president; Patricia Huff, Dauphin County Extension home economist, secretary-treasurer; and Dr. Homer Mazer, regional assistant director for the Western Extension Region, vice president.

Extension Friend honored

UNIVERSITY PARK — Dr. Murry C. McJunkin, of R2, Bellefonte, a Centre County farmer and retired marketing development manager for U.S. Steel Corporation's agricultural division, received the 1984 Friend of Extension Award presented by the Pennsylvania chapter of Epsilon Sigma Phi, national extension honorary fraternity.

The award, a plaque, is presented to an individual who has made significant contributions to The Pennsylvania State University's Cooperative Extension Service programs.

McJunkin was cited for his leadership in the development of the crop management association concept, efficient use of fertilizer as part of Extension's unit demonstration farm program, and early promotion of no-till farming practices.

He helped develop the state hay show program and served as advisor to Penn State's "Agronomy Guide," a College of Agriculture handbook used extensively by Pennsylvania farmers.

Dr. Murry C. McJunkin, right, receives Friend of Extension Award from Marion R. Deppen, agricultural and community development program leader for the Southeast Extension Region and awards committee chairman.

Secretarial honor bestowed

UNIVERSITY PARK — Mrs. Dawn Stitely, secretary and office manager for the Juniata County Cooperative Extension Service Office, has been named recipient of the Secretarial Award presented by the Pennsylvania chapter of Epsilon Sigma Phi, national honorary extension fraternity.

Mrs. Stitely received the award, a plaque, at the chapter's annual meeting Oct. 31 in State College. She was selected from among secretaries in the 67 county Extension Service Offices and Extension departments in The Pennsylvania State University's College of Agriculture.

Mrs. Jane Marhefka, interim state Extension family living program leader and awards committee chairperson, pointed out that the award winner developed a card file system for entries at the county 4-H fair. The same entry card system has been adopted by the livestock departments at the Juniata County Fair.

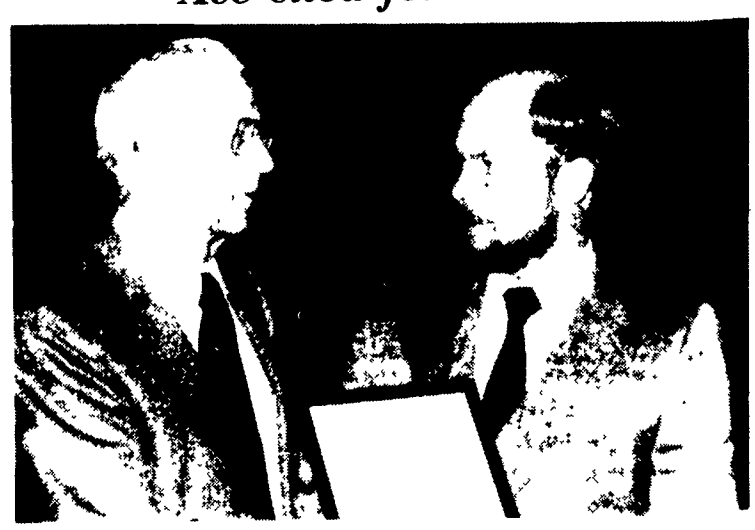
Mrs. Stitely served as office supervisor for CETA and now JTPA employees for more than 10 years and received a letter of commendation from the regional supervisor for her work. One of her former employees is completing a master's degree and another is working on a bachelor's degree.

A 13-year employee, she oversees bookkeeping procedures including county Extension appropriations, Expanded Foods and Nutrition Education funds, and 4-H Development Fund accounts.

Mrs. Stitely served on the planning committee for State Extension Secretaries Conference and has participated in several computer training sessions sponsored by the Cooperative Extension Service.

Mrs. Dawn Stitely, center, receives Extension Secretarial Award from Mrs. Jane Marhefka. At left is Mrs. Stitely's husband, Clifford.

Ace cited for service



Donald L. Ace, left, retired Extension dairy specialist at The Pennsylvania State University, was recipient of a Distinguished Service Award presented by the Pennsylvania chapter of Epsilon Sigma Phi, national honorary extension fraternity. He was cited for his outstanding educational programming in the areas of dairy housing and nutrition. Presenting plaque to Professor Ace is Charles D. Gale, Columbia County Extension agent and awards committee chairman. The award winner, who retired last February, was honored at the chapter's annual meeting held October 31 in State College.

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Dekalb	T1100	9	21 8	-	22.9	-	193.5	$526.09
Agripro	HP771	7	21.8	-	27.9	-	204.8	$517.90
Pride	X1164	14	21.8	-	28.2	-	205.3	$516.82
Pride	5523	4	21.8	-	19.4	-	180.8	$515.61
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Pioneer	3320	19	21 8	-	29.8	-	202 2	$496.72
Pride	EXP115	12	21.8	-	25.6	-	189.7	$496.29
Dekalb	XL61	11	21 8	-	25.8	-	188.4	$492.50
Agripro	470	5	21 8	-	23.4	-	181 6	$490.28
Pride	X1123	6	21.8	-	21.9	-	177.4	$489.06
Pride	X1044	2	21.8	-	18.8	-	164.7	$473.45
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Pride						
PRE	5.46	118	7.41	100	12.80	107
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Arrow	4.89	105	7.35	100	12.24	102
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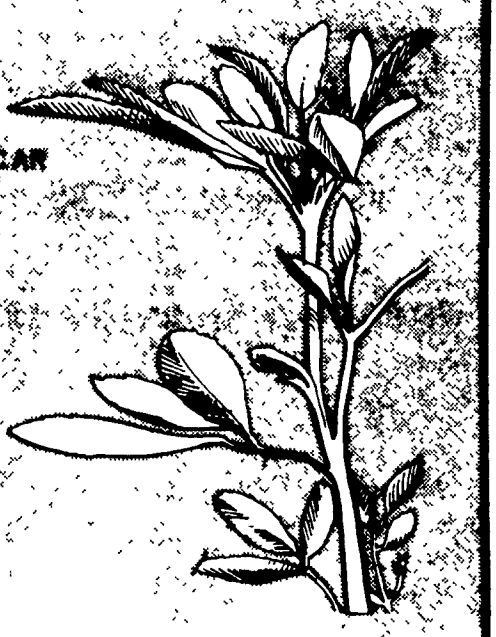
[illegible]						
[illegible]	4.60	100	7.31	99	11.90	99
Ark	4.81	103	7.12	96	11.93	99
Iroquois	4.57	98	7.14	97	11.71	97
Apollo	4.60	100	7.03	95	11.63	97
Apollo II	4.14	89	7.31	99	11.45	95
Honeoye	4.11	89	7.34	99	11.45	95
WL 318	4.40	94	6.95	94	11.35	94



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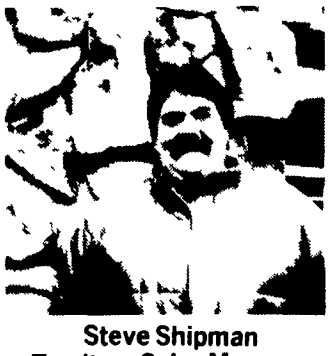

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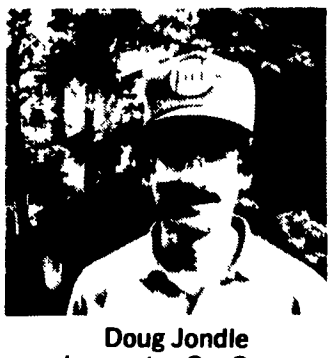

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At Littlestown High School

How to get a new vo-ag program started

BY SALLY BAIR
Staff Correspondent

LITTLESTOWN — In a time of budget concerns and program cutbacks, Littlestown High School in Adams County has just begun its first ever vocational agriculture program. The program, voted into existence by the School Board last February, is starting with 45 students, who are eagerly awaiting approval of their Future Farmers of American chapter.

Prior to this year, the only opportunity for a Littlestown student to take vocational agriculture was to attend Gettysburg or New Oxford schools, not easy because of the problems of changing schools and working out transportation.

Having three farmers serving on the board of education is helpful in establishing a vo-ag department, but broad-based community support is what really was the deciding factor, though the original vote was close.

Ron Harrison, one of the three farmers, said, "I served on an advisory committee with the superintendent before going on the board, and this is one of the concepts discussed. We found a lot of interest from other people who had served on the committee. If we were just doing it for farmers I couldn't vote for it, but there are many people involved in agriculture and more and more people who are interested and who need to become involved and educated."

Mark James, a native of New Hampshire, who was hired as the teacher to coordinate and implement the new program adds, "The community has been very receptive, and parental support has been super. There is a strong need for agriculture ingrained in the community. A lot of the students are involved in summer jobs on farms. It's an important part of the community."

While very few of the 45 students in grades 9-12 are actually from farms, James says that Littlestown is a fairly rural community, and adds, "Most students have an appreciation for that way of life and for agriculture."

James says he has received a lot of support and encouragement from other vo-ag departments in the county. Littlestown will be the seventh school offering the program, and for James it is natural that they should be offering it. "Littlestown has the best rounded agriculture and the highest concentration of agriculture in the county."

Littlestown once had a slogan on signs greeting travelers as they entered the community, which read, "Littlestown - where agriculture and industry meet." Harrison said these signs have come down, but the local Lions Club has had buttons made with the slogan, and he says, "I proudly wear mine." It was this slogan, in fact, which impressed him when he was considering moving to the area 13 years ago from Blair County.

As to why some programs are folding, while they are starting up a new one, Harrison responds, "It's not that agriculture is dying, but programs are changing."

He cited cooperation from the superintendent and the principal as important reasons for the opportunity to start the program, and he adds, "Guidance counselors

(Turn to Page D19)

Vocational agriculture is in its first months at Littlestown High School in Adams County, and Mark James is the teacher who will be building the program. Initially, the course has attracted 45 students in grades 9-12.

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New vo-ag program

(Continued from Page D18)

are there key to the program. They need to know more about it so they can help good students to decide to enter the program."

Harrison said he also encourages the concept of holding informational assemblies in the middle school to acquaint students with the vo-ag program and its opportunities. He is pleased with the choice of James for a teacher, pointing out, "Our administration searched through a lot of people until they chose Mr. James. We felt he was a really key person."

For his part, James looks at the position as a golden opportunity. He says, "There are not many opportunities for starting a program from scratch and shaping it. Most people have to go with what is already established."

One of his first steps will be to establish an advisory committee representing a wide range of people in the community. He wants this committee to help in the goal of designing the program to fit community needs, and to help determine the kinds of facilities which should be used. At the present time, James and his students move among these classrooms for instruction and share space in the machine shop.

"The kids are enthusiastic, but they can't jump right in. They want to get to the hands-on stuff and that takes some time. They are learning some patience. A recent field trip to Harrison's farrow to finish operation helped," James remarks.

The course is designed as a production agriculture course, but, of course, the benefits are not all in the classroom. Harrison says, "Parliamentary procedure, public speaking and the consumer areas are just as important. Those programs are designed to build character and there is a lot of value in that." A former FFA president, Harrison says, "I give a lot of credit to those experiences."

James agrees, "I want to help students to set goals and realize those goals as well. They get immediate gratification in awards from their successes. And they get some very basic skills. The FFA awards programs are outstanding."

A major goal will be to see the students entering and winning FFA contests which will spur the interests of other students. James says, "Students have a lot of pride in the program and they like to identify with groups. Ours are very eager to get their FFA jackets."

He also wants to prepare students with basic job entry skills for graduation. He says he will help them learn to set up their own businesses, learning accounting and record-keeping skills. "I want to help them find jobs when they graduate. I don't anticipate difficulty in getting jobs. We want a quality education and want the kids to learn.

Asked about the cost of developing the program, Harrison responded. "We will take each step at a time. Everything in education costs money, and if we have enough student interest, we feel we should meet their needs."

For now the students are enrolled and learning. With the help of the board and the community, the program is likely to grow and expand, becoming a contributing factor in the education of students in agriculture.

Mark James, new vocational-agriculture instructor at Littlestown High School, works with Mark Flynn, a senior, at the lathe in the machine shop.

Farm Show data available

HARRISBURG — The State Farm Products Show Commission has released its 1985 tentative schedule of events for the Farm Show Complex, according to state Agriculture Secretary Penrose Hallowell.

"The 1985 schedule for the Farm Show Complex offers a variety of activities for both exhibitors and visitors, ranging from expanded agricultural and outdoor events to national and international antique and craft expositions," said Hallowell.

"Many people associate the Complex with the annual Farm Show, the largest indoor agricultural exhibition in the U.S., a weeklong event that attracts hundreds of thousands of spectators," he said. "However, the 14-acre Complex also serves the needs of many other industries who display their products, ideas and skills to million of Pennsylvanians and out-of-state visitors each year," Hallowell added.

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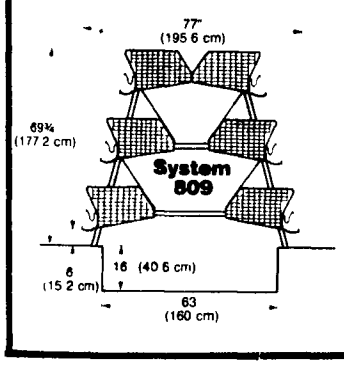

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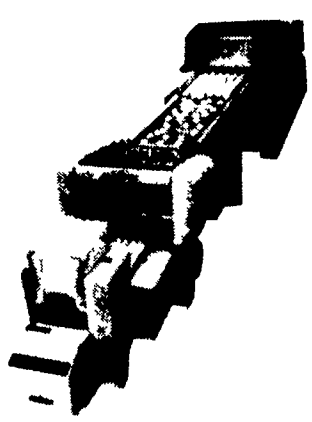

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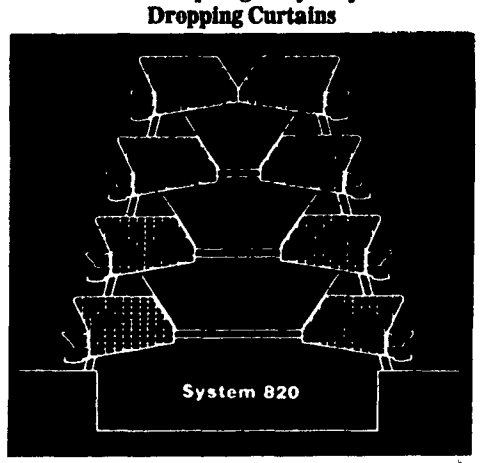

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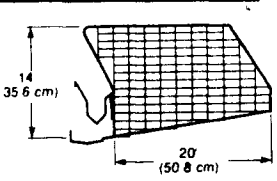

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NFU calls for dairy diversion extension

WASHINGTON, D. C. — An extension of at least nine months will be needed when USDA's dairy diversion program expires next March 31, and the administration should announce it's intentions to seek that extension as early as possible, according to the chief of the National Farmers Union. Farmers are planning now for the next dairy marketing year, and an immediate announcement of the administration's intentions would allow for orderly planning.

NFU President Cy Carpenter wrote in a letter to Agriculture Secretary John Block today that the administration should seek an extension of the program as a first order of business when Congress reconvenes in January.

The program began Jan. 1 when USDA contracted with participating farmers to reduce their milk marketings by between 5 and 30 percent of an established base amount. Participating farmers receive $10 per hundredweight for the reduction from Jan. 1 through March 31, 1985. To finance the incentive payments, all dairy farmers are assessed 50 cents per hundredweight on all milk they market. In addition, milk support prices were dropped by 50 cents on Dec. 31, 1983 and by an additional $1 per hundredweight this summer.

The program, plus a 3.5 percent increase in domestic dairy product consumption, is credited with projections showing that USDA's Commodity Credit Corporation will purchase 50 percent less surplus dairy product during the 1984-85 marketing year.

Extending the program by at least nine months could continue the program's record of bringing dairy supplies more in line with demand by decreasing milk marketings, and could help strengthen dairy prices farmers receive," Carpenter said.

"In order to continue the progress we have made so far, we believe the diversion program should be extended for at least another nine months. Dairy farmers are now making their management decisions for the next year," he said. Some dairy farmers already have replacement heifers waiting to go into production as soon as the diversion program ends.

"A program extension would continue to reduce the cost of the dairy price support program to the treasury," he said.

"The program is working. Milk production is down, CCC removals are down, the cost of the program is down and the price for milk paid to farmers is beginning to improve," Carpenter wrote to Block. Carpenter expressed hope that continued declines in milk production would allow for a better price for dairy farmers.

Grinder-mixer data cited

NEWARK, Del. — A fact sheet on owning and using a portable grinder-mixer is now available from the Delaware Cooperative Extension Service. Prepared by extension livestock specialist Kenneth B. Kephart, the four-page publication covers the advantages and disadvantages of this equipment for livestock producers and tells how to use it effectively.

A section on making quality feed with a grinder-mixer discusses farm mixing options, gives mixing tips, and tells how to measure ingredients. Other sections offer advice on maintenance and tell how to check the accuracy of feed formulations.

Copies of the publication are available from county extension offices in Newark (451-2506), Dover (736-1448) and Georgetown (856-5250).

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PFA outlines marketing conference

HERSHEY — Marketing innovations and 1985 outlooks for major Pennsylvania commodities will be the topics of a two-day Marketing Conference taking place during the 34th Annual Meeting of the Pennsylvania Farmers' Association (PFA).

Several hundred farm leaders will gather at Hershey Lodge and Convention Center, Hershey, Monday through Wednesday, to adopt policies on agricultural issues and elect officers. Marketing conference sessions will take place Monday and Tuesday of the convention as follows.

Monday, at 2 p.m., Al Shulman will discuss world marketing opportunities. Shulman is president of INAGRA, Inc. of Nazareth, Pa., an agricultural exporting firm.

At 3:15 p.m., Diana Klemme will discuss agricultural options trading. Ms. Klemme is an agricultural marketing consultant from Galesburg, Ill.

At 3:45 p.m., Joe Stouffer will discuss trading in futures. Stouffer is manager of the New Holland branch of Farm Credit Service.

At 4:30 p.m., a panel of three hog producers will discuss their experiences using the forward contracting program of PFA's marketing cooperative, PACMA. Ron Harrison of Adams County, Bill Chain and Ron Bender of Franklin County will comprise the panel.

Tuesday, Nov. 20 at 8:30 a.m., Rosemary Hartter will present a beginner's guide to commodity marketing. She is author of a book on the same subject and is an Illinois farm wife.

At 10 a.m. five separate conferences will begin on new marketing ideas for major commodities. State Agriculture Secretary Penrose Hallowell will discuss dairy promotion efforts along with Donald Duncan and Beverly Minor, two members of the Pennsylvania Milk Promotion Board. Stan Muschweck, vice president and account supervisor for HBM/Creamer, Inc., will discuss the ad agency's dairy promotion campaign.

James Frazier, Assistant to the Chief, PACA Branch, Fruit and Vegetable Division, USDA, will discuss new statutory trust protection for fresh fruit and vegetable producers.

John Huston, president of the National Live Stock and Meat Board, will discuss their meat promotion programs.

Dr. Morris Mast, professor of Food Science, at Penn State, will speak on new product development and meat utilization for turkey, broiler and egg producers.

Joe Newcomer, agronomist for D. Willard Chemical Co. of Frederick, Md., will discuss the foreign trade.

Tuesday at 2 p.m. the 1985 marketing outlooks for major commodities will take place in separate sessions. Robert Forsythe, general manager of NEDCO milk cooperative, Syracuse, N.Y. will discuss the dairy outlook.

Gregory Strausbaugh, commodity specialist for Prudential-Bache, will discuss the grain outlook.

A. Kermit Birth, Pennsylvania State University Cooperative Extension agricultural economics specialist, will discuss the outlook for poultry marketing.

Gabriel Alessi, Assistant Vice President of First Eastern Bank, N.A., will discuss agricultural finance prospects.

Kenneth Nye, Director, Horticulture Department for American Farm Bureau Federation, will discuss the outlook for fruits and vegetables.

Ronald Garrison, livestock specialist with Clayton Brokerage, Inc., of St. Louis, Mo., will discuss the livestock outlook.

All conference sessions are free and are open to all PFA members — not just those participating in the convention.

Illinois free of brucellosis

WASHINGTON, D.C. — Illinois is the 26th state to eradicate brucellosis in swine, a U.S. Department of Agriculture official announced. These states contain 60 percent of the nation's swine population.

"Pork producers in Illinois are to be praised for their dedicated efforts in eradicating this costly disease," said Bert Hawkins, administrator of USDA's Animal and Plant Health Inspection Service.

Swine brucellosis is a highly infectious disease that is transmissible to humans through direct contact with infected animals. The most common sign of the disease in swine is spontaneous abortion.

Hawkins said USDA's major tool for locating swine brucellosis infection is the market swine testing program. "Under this program, breeding swine that leave the farm are marked with identifying tags or tattoos. If blood tests at slaughter show the swine are infected, the identification is used to find and clean up the infected herd of origin," he said.

The other states USDA has declared free of swine brucellosis are Alaska, Arizona, California, Colorado, Delaware, Idaho, Indiana, Iowa, Maine, Maryland, Minnesota, Montana, Nevada, New Hampshire, North Dakota, Pennsylvania, Rhode Island, South Dakota, Utah, Vermont, Washington, Wisconsin and Wyoming, plus Puerto Rico and the U.S. Virgin Islands.

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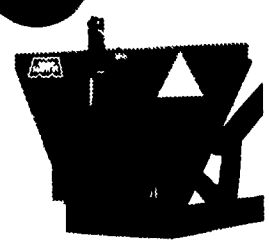

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Farm Talk

by

Jerry Webb

Good times are still being promised to America's farmers, but they're going to have to wait a few more years. And if they expect to participate in those good times, they're going to have to learn some new rules. That's the prediction of an Iowa State University agricultural economist. Michael Boehlje believes that the farmers who are struggling now may be in trouble because they are following the wrong rules. If they can adjust to the new game plan and hang on a while longer, there is still that long promised prosperity somewhere toward the end of the decade.

Boehlje documents a phenomena that has occurred in agriculture over the past 20 years that is important to farmers. It has to do with the debt-to-income ratio. He points out that back in the 1960s, that ratio was three-to-one and now it is 10-to-one. That really doesn't mean much until you look closely at what the debt-to-income ratio means. That three-to-one ratio 20 years ago simply meant that if farmers used all their income to pay off their debts, they could accomplish this in only three years. The current 10-to-one ratio means farmers would need 10 years to pay off their debts.

Herein lies an important consideration for most farmers. This rapidly rising debt-to-income ratio means that, consciously or otherwise, farmers are committing more of their future income to debt repayment. And that translates into less income available for expansion, reinvestment in the farm, or a better standard of living.

When you think about what's happened on Delmarva farms over the past two decades, this debt-to-income ratio business makes a lot of sense. Back in the mid-sixties, farmers couldn't buy equipment and land fast enough. Debts were low, equities high, and the promise of the boom years ahead provided a tremendous attraction. So they borrowed and expanded and the debt-to-income ration increased until the 1970s when it was five-to-one. Ten years later and it's doubled.

Boehlje summarizes the current farm crisis this way: "In essence, today's farmers are trying to pay higher principal and interest payments with less cash and liquid assets and less predictable capital gains." While this may be a particularly dark time for some of those farmers who jumped on the expansion bandwagon, there is hope. If they can only hang on until the late 1980s things will be better. To do this, the economist says they must play by the "new rules," as he calls them, for farm financial survival. Here they are as the Iowa economist sees them.

* Understand the difference between cash flow and profit.

* Focus on being efficient rather than big. The growth oriented strategy of the 70s work with high interest rates and tighter profit margins.

* Reduce cash expenditures by optimizing feed rations and crop production plans and by using new production methods such as minimum tillage.

* Reduce capital expenditures. That means serious consideration of any expenditure that might include an interest payment.

* Adjust land rental arrangements. Boehlje sees cash rent as high risk and less desirable in these troubled times than crop share leases or a more flexible bushel lease arrangement.

* Insure against risk by making sure that property and casualty insurance policies are up-to-date. He favors crop insurance, price insurance and other procedures to reduce production risks.

* Refinance to lengthen long repayment schedules. Although this may not be as attractive as it was in the 1970s, lengthening repayment plans may allow a farmer to master a cash flow problem without having to take some more drastic action.

* Consider sale-lease backs. Under this plan a farmer can sell part of his land, reduce his debt load and interest payments, ease a cash-flow problem, and still have the land to farm.

* Consider partial liquidation. Boehlje believes a partial sell-out now may be a lot better than total liquidation a few years later.

Some of Boehlje's ideas may sound drastic, but so is a bankruptcy sale. As he points out, in a period of hard times in the farm economy the last thing a farmer wants is a forced sale situation. Not only does he lose everything, but chances are good he won't even get fair market value for what is sold.

There's a lot of wisdom in farmers admitting that they took too big a step based on a promised bright tomorrow. Plenty of them are now stepping back from some of those commitments. It seems to me to be a lot smarter to sell off an expensive and unneeded four-wheel-drive tractor or to find a buyer for that extra 80 acres than it is to wait for the lenders to force a sale. There might be some face lost in that process, but much less than in a total failure. And it might also leave a farmer in a position to take another big step in the late 80s or whenever the long-promised prosperity returns again.

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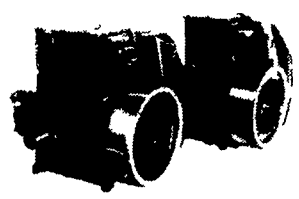

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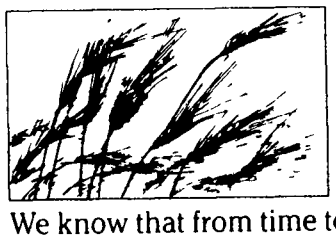

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WASHINGTON, D.C. — Soft drink makers, coffee roasters, and the dairy industry are all vying for the loyalty of this generation of consumers, but there's no doubt who holds the current lead. Americans consumed enough soft drinks in 1983 to average 40 gallons per person, and the figure may still be rising. The average was less than 18 gallons back in 1963.

Coffee, not soft drinks, was the top beverage then, with Americans sipping java at the rate of 38 gallons per person. Today, the two beverages have switched places, and coffee consumption has fallen to about 25 gallons per person per year.

Milk, too, has taken a beating, with consumption per person dropping in 16 of the last 20 years, according to a recent article in the Agriculture Department's FARMLINE magazine.

It reports the findings of Economic Research Service economist Karen Bunch and analyst Julie Kurland after they studied shifts in per capita beverage consumption. They point to the following trends:

— Either Americans have gotten thirstier, or the plain old glass of water is out of favor. Overall consumption of commercial beverages rose about 18 gallons per person between 1963, from 116 to 134 gallons a year. Apparently, we now head for the refrigerator, the vending machine, the fast food outlet, or the pub–rather than the water tap–when thirst strikes.

— Of total beverage consumption, roughly one glass out of five is an alcoholic drink. On average, Americans consume 28.4 gallons of beer, wine, and liquor a year per person, up from 17.6 gallons in 1963. Beer consumption per person climbed 60 percent in the last 20 years, and wine consumption more than doubled.

— Fruit juices are doing well, more than keeping up with population growth. Average consumption per person rose more than 100 percent from 1963 to 1983.

— Milk drinking dropped 6.7 gallons per person, from about three of every ten beverages consumed to one out of five. Use of whole milk plunged from more than 29 gallons per person in 1963 to less than 16 gallons, but sharp gains for low-fat and skim milk offset part of the loss. Surveys show that even youngsters 6 to 12 years old are drinking less milk these days.

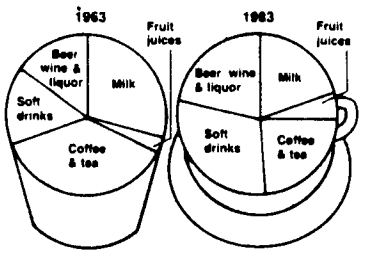
— Coffee, the most popular beverage in 1963, now ranks third after soft drinks and milk, and just a gallon per person ahead of beer. Changing tastes and lifestyles, price trends, health concerns, and the switch by manufacturers to a more bitter bean are possible explanations. Whatever the reasons, the industry is trying to reclaim a "coffee generation" of its own among young professionals. According to the International Coffee Organization, 81 percent of individuals in their twenties were coffee drinkers in 1962, compared with only 43 percent in 1983.

— Soft drinks, beer, wine, and liquor contribute about 10 percent of the daily calories consumed by Americans, up from only 5 percent in the early 1960's.

In the continuing competition for consumers, further gains for one beverage will probably have to come at the expense of another, says economist Karen Bunch. By most estimates, Americans are close to drinking their fill, and growth in U.S. population is very slow.

Soft drink manufacturers seem to be reaching for new customers with no-caffeine, diet, and NutraSweet-sweetened sodas. Beer is going light and low alcohol, possibly to appeal to more women. Unless milk can succeed with the health and nutrition appeal, it may continue to lose ground.

Winners and Losers in Shares of Total Beverage Consumption



Alfred College to hold Dairy Day

ALFRED—"Alfred Dairy Day" is scheduled for Wednesday, Nov. 28, with several speakers, a panel discussion, and a tour planned during the program at Alfred State Agricultural and Technical College.

The one-day event, which is open to any interested persons, is being arranged by the college's School of Agricultural Technologies and Office of Special Academic Programs.

Theme for the day is "Feeding the Dairy Cow," with presentations scheduled from 9:45 a.m. to 3 p.m. in the college's central dining hall. A $3 registration fee is being charged to cover expenses.

Students enrolled in a dairy herd management course taught by Russell Giesy will be taking part in the program as well as faculty.

For example, Ann Luno, of Springville, will welcome the participants on behalf of the college, while William Edington, of Gainesville, will serve as moderator of a panel discussion. Other students will introduce the various speakers.

During the morning session, participants will have a choice of these three presentations:

R.D. smith, professor, College of Agriculture and Life Sciences at Cornell University, "Nutritional Influence on Reproduction."

Gary Bigger of Batavia, Extension Specialist, "Alternatives in Supplementing Roughages."

Ronald Stutzman, associate professor, Department of Plant and Animal Science at Alfred State College, "Maximizing Nutrients From Forages."

Following lunch, a dairymen's panel is scheduled on the topic "Feeding and Managing Our 20,000-Pound Herd."

Panelists will include Francis Andrea of Ellicottville, Ronald Button of Jasper RD 1, Paul Lewis of Rexville, and Dennis Smoker of Genesee, Pa.

Featured speaker at the final session will be Gary Snyder of Randolph, representing Farm Credit Service of Olean. He will discuss "Maximizing Income Over Feed Cost."

After the program, participants will be joined by students and faculty members for a tour of the college's dairy facilities, including its computerized milking parlor.

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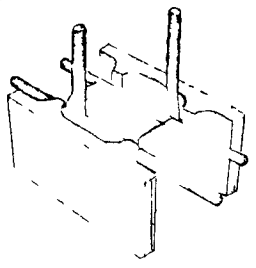

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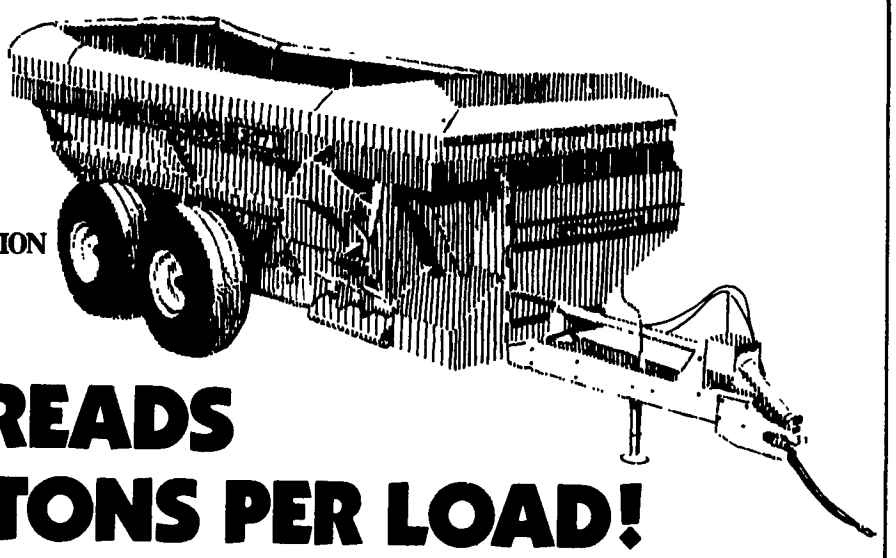

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Tax reform affects timber owners

NEWARK, Del.—Several provisions of the 1984 Tax Reform Act affect timber owners and operators. According to University of Delaware extension farm management specialist Don Tilmon, the most significant change is probably the one which reduces the holding period for long-term capital gains from one year to six months, with the exception of timber disposals under Section 631 (a) of the Internal Revenue Code.

The new holding period applies to assets acquired after June 22, 1984, and before Jan. 1, 1988. It applies to all capital assets, including timber held for investment and timber sold (under Section 631) with an economic interest retained. A special holding period applies to timber whose owners elect to treat cutting as a sale—that is, timber sold under Sesction 631 (a).

The Tax Reform Act of 1984 provides that for 631 (a) transactions timber or a contract-right-to-cut must be held "on the first day of such year and for a period of more than six months before such cutting." (The Code used to read, "for a period of more than one year.") According to Tilmon, the effect of the new wording is that the holding period could be as short as six months if 631 (a) timber were held on the first day of the tax year, or as long as one year, if the timber were acquired on the second day of the tax year.

Since small timber owners may sell timber only occasionally, in the past they may have able to take advantage of income averaging provisions to reduce the tax on a large timber income in one year. The rules for income averaging have been tightened. For computation years beginning after 1983, Tilmon says it is now necessary for income in the tax year to be 140 percent of the average income in the previous three tax years in order to use income averaging.

Before the 1984 Tax Reform Act, income in the tax year had to be only 120 percent greater than that in the previous four years. The change applies to tax years beginning after December 31, 1983. "Timber owners who cannot qualify for income averaging might consider selling their timber in two or more tax years," the farm management specialist says.

Another change in the 1984 act affects taxpayers who were planning to take the option of treating an investment in qualifying property as an expense under Code Section 179, rather than as a capital investment. The upper limit on the amount that could be treated as an expense was $5,000, but the limit was due to be increased to $7,500 for 1984. Instead, the Tax Reform Act lengthened the period for the upper $5,000 limit through tax years beginning in 1987. The upper limit is now scheduled to be $7,500 for tax years beginning in 1988 amd 1989, and $10,000 for tax years beginning in 1990 or thereafter

Other changes in the act affect estate and gift taxes. Before its adoption, the maximum estate and gift tax rate was scheduled to drop 50 percent for estates of those who died after 1984 or for gifts made after that date. The act freezes the 1984 rate of 55 percent through 1987.

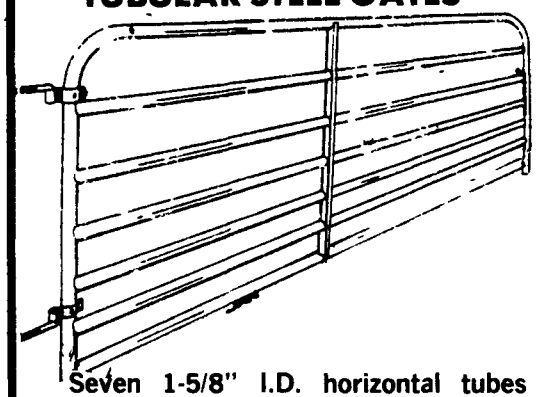
Del. making wood survey

DOVER, Del. – Beginning Nov. 13, the Delaware Department of Agriculture, Forestry Section and the Department of Administrative Services, Division of Facilities Management, Energy Office launched a telephone survey of Delaware residents to determine the amount of firewood burned throughout the state. The calls will be made between 6 and 9 p.m. on selected evenings (primarily Monday through Thursday) in November. The survey is funded through a grant from the Coalition of Northeastern Governors, under the Northeastern Regional Biomass Project.

The cooperation of Delaware residents in this effort will be greatly appreciated.

Anyone with questions concerning the survey should contact Nancy Milliken of the Delaware Department of Agriculture at 736-4811 (8-4:30 Monday through Friday).

TUBULAR STEEL GATES



Seven 1-5/8" I.D. horizontal tubes spaced closer at the bottom for a pig tight gate. 50" high with adjustable clamp style hinges. All hardware needed for a complete installation is included. Painted finish.

4' Length	$36.95*	12' Length	$45.95*
6' Length	39.95*	14' Length	52.75*
8' Length	41.45*	16' Length	55.50*
10' Length	43.95*		

* Plus Sales Tax

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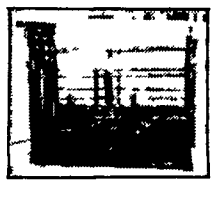
RD #4 Box 141 Lititz, Pa 17543
717-738-4241
3 mile west of Ephrata, ¼ mile south of Rt. 322 along Wood Corner Road.

PAUL B. Zimmerman INC.

AUTOMATIC CATCH GATE

FEATURES
- Easily Operated By One Person
- Easily Adjustable For All Sizes of Cattle
- Operates Left or Right
- Double Link on Doors For Extra Strength
- One Side Spring Loaded For Extra Safety



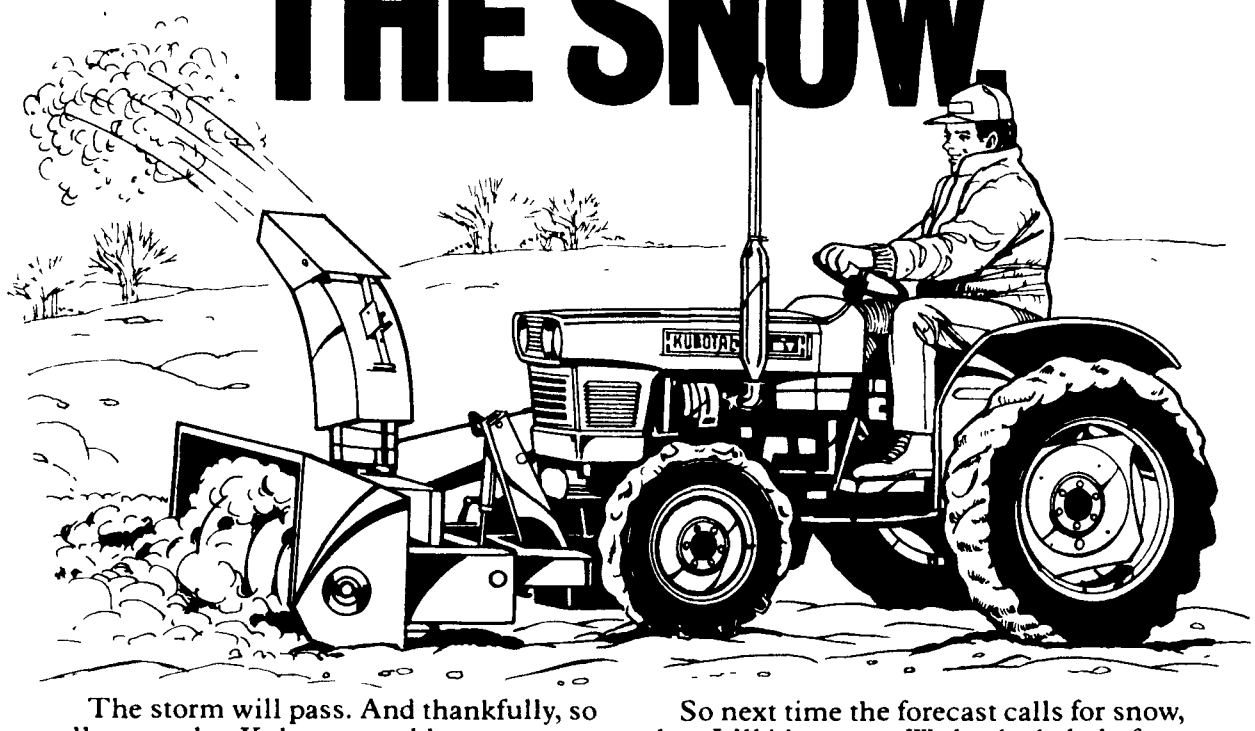
CATCH PEN AVAILABLE WITH 3 POINT LIFT

PAUL B. ZIMMERMAN, INC.
Hardware • Farm Supplies
Custom Manufacturing • Crane Service
Box 128 R.D. #4, Lititz, PA 17543
Wood Corner Rd
1 Mile West of Ephrata
Phone: 717-738-1121

8.5%
Annual Percentage Rate

THE LOWEST TRACTOR FINANCING YOU CAN DIG UP ANYWHERE.

DASHING THROUGH THE SNOW.



The storm will pass. And thankfully, so will you with a Kubota snowblower.

We have snowblowers that attach to most Kubota diesel tractors, and they are a cinch to operate. They clear snow from driveways, roads or parking lots. Break up and clear heavy drifts. And the large diameter chutes give you excellent control of casting distance.

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R. 7 Lebanon,
Pa. 17042
Rt. 419 1 mile West
of Schaefferstown,
Buffalo Springs
Lebanon County
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PARTS ★ SALES ★ SERVICE

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Bradford Extension dinner on Dec. 5

WYALUSING — The 71st Annual Meeting of the Bradford County Extension Association will be held on Wednesday, Dec. 5 at the Friedenshutten Restaurant, Wyalusing. Dinner will be served at 8 p.m., followed by the evening's program.

Featured speaker for the evening will be Dr. Thomas Drake, Instructor and Extension Specialist of Veterinary Science at Penn State University. Dr. Drake's topic will be rabies. His talk will include the effect of rabies on the dairy cow, such as symptoms, treatment, and immunization practices; treatment for humans; and the safe processing and preparing of venison and small game.

The evening program will also include presentation of the Bradford County Extension Cooperator Award to two County residents, and two new members of the Extension Executive Committee will be elected.

Tickets may be obtained from any Executive Committee member: Dale Allis, Herrickville; Roy Beardslee, Wetona; Owen Brackman, Leroy; Jane Bresee, Ghent; Ronald Butts, French Azilum; Ellen Foust, Granville Summit; Gary Green, Neath; Duane Lewis, North Towanda; Sandra Mattocks, Leona; Richard Packard, Mt. Pisgah; Rosie Smith, Homets Ferry; Linda Wrisley, East Smithfield; or contact the Extension Office, 701 South Fourth Street, Towanda, 26502896. Reservations should be made by Wednesday.

Adcock wins at Pa. Nat'l

"I think next year we'll have a world champion," was Odie Adcock's assessment after his stylish Tennessee Walking Horse was crowned champion of the Plantation Pleasure class in the final day of competition at the Pa. National Horse Show on October 20.

A Manheim-area auctioneer, Adcock's Harrisburg win marked the second victory for his stylish steed during the horse's first year of competition. The season's first win was in May at the Eastern Classic held in Quentin, followed by a respectable seventh-place finish at the World Championships in Shelbyville, Tenn.

A home-bred horse, Adcock's winner was sired by Delight's Raven out of Ebony's Maid, both owned by Mr. Adcock.

JUST RECEIVED - DEMO TW25 TWO WHEEL DRIVE
With Cab, Weights And Triple Remotes. It Has 515 Hours, Excellent Shape.

ALSO - TW 15 And (2) 4610's

Call For Super Prices On These Units

STEP UP TO BIG TRACTOR MUSCLE!

Meet a new Ford built to make acres roll by. .efficiently and comfortably Come in and take a close look at a new Ford TW-25

- FREE TRACTOR CARE–virtually all you buy is the fuel and fluids for replenishment during the first three years or 2,500 operating hours–see us for details
- 140 PTO hp* turbocharged 401 cu in diesel
- 16-speed Dual Power transmission
- Optional front-wheel drive
- New hydraulic performance
- New Comfortizer seat–best seat on the farm

Stop by. We have a TW-25 ready for you to test. And after you do, you'll know what tractor your farm needs. Ford TW-25!

*Manufacturers estimate

NEW FORD FARM POWER!

PUT A 1000 SERIES TRACTOR TO WORK

These rugged compacts come standard with liquid-cooled diesel engines and full-time live hydraulics. Options include front-wheel drive and hydrostatic or Synchronized Manual Shuttle transmissions.

So whether you're a part-time farmer looking for a tough tillage tractor, or a full-time farmer looking for an efficient chore tractor, stop by and see one of the stocky new 1000 Series diesels soon!

AT AN AFFORDABLE PRICE!

Call Us Or Stop In And See Us For LOW FINANCE RATES On New Fords And BIG CASH REBATES Before December 1, 1984

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Rt. 419 Between Schaefferstown & Cornwall, Lebanon County

York County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

September Report

The high herd was Lynn Wolf, Abbottstown with 70 Holstein cows producing 20,392 lbs milk and 778 lbs B F Second high was H S & R E Fetrow, R D 4 York with 80 Holstein cows producing 19,761 lbs milk and 763 lbs B F

The high cow was Kookie, a 3-year-old Holstein from Lynn Wolf who produced in 305 days 24,076 lbs milk and 971 lbs B F Second high was Jazz a 4-year-old Holstein owned by Beshore Farms who produced in 305 days 27,928 lbs milk and 967 lbs B F

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS FAT
Lynn Wolf		3	70 4	89 2	20,392	778
HS&RE Fetrow		3	80 1	87.5	19,761	763
Stump Acres		3	95 3	90 4	18,762	759
Thomas A Boyer		3	43 5	85 1	20,022	745

LUZERNE COUNTY DHIA

August, 1984

Robert Hough		RH	54 3	88 1	18,126	691
Pecora Bros		R&GrH	159 2	88 1	18,734	687

Cows Finishing Their Lactation Period Over 750 Lbs.

					Butterfat	
Hillside Farms Inc						
325-16	RH	9.8	305	17,447	5 2	903
558-54	RH	3 1	305	17,626	4 5	791
P Larock&Sons						
Beth	RH	7 7	305	21,501	4 3	928
Victora	RH	5 4	280	17,065	4 5	773
Tiny	RH	5 2	305	19,544	4 1	795
Wm Dagostin&Son						
199	RH	8 2	305	20,469	3 9	806
5217	RH	3 5	305	22,228	3 5	789
Pecora Bros						
1461566	RH	5 5	293	21,805	3 5	767
7-1661	RH	3 7	305	20,553	3 8	777
Larry Baron						
Lisa-72	RH	5 9	305	19,926	4 6	926
Julie20	RH	4 6	305	19,300	4 1	790
Welliver Bros						
376	RH	5 5	305	18,174	4 4	793
Robert Hough						
Denis26	RH	6 5	281	21,521	4 1	877
Prince39	RH	5 2	305	20,221	4 0	802
Tilly25	RH	3 0	305	20,742	4 1	847
Smysers Richlawn Fms		3	77 0	85 8	19,956	743
Mc Ral Dairy Farm		B3	172 4	90 5	18,727	734
Sinking Spring Fminc		3	65 1	86 0	19,246	725
Leonard Greek		3	17 7	94 6	19,038	706
Beshore Farms		3	44 1	86 4	19,281	704
Paul R King		3	53 1	87 3	17,683	694
Wayne E Myers		3	48 0	83 8	17,633	682
David Stewart		3	111 1	91 6	18,305	677
Rineway Dairy Farm		B3	88 9	87 2	17,190	667
Jim&Holly McCaffree		3	39 9	82 2	17,852	665
Fawn Meadow Holstein		B3	70 2	87 0	17,628	665
Mervin W Hertzler		2	62 2	88 4	13,715	660
Wayne B Mummert		B3	73 5	85 2	17,836	657
Rodman C Thompson		3	69 7	84 6	17,107	655
Geo Knight		3	139 8	86 3	17,053	653
RR&MR Stewart		3	60 1	88 0	19,000	644
Rick L Cook		B3	66 8	86 2	16,755	644
Earl Fuhrman		3	85 9	87 1	16,887	642
Walnut Hill Farm		B3	46 4	85 6	17,271	637
Double D Farm		B3	102 2	86 5	16,671	636
B Robert Charles		3	46 6	83 3	17,339	636
Big T Holsteins		B3	88 9	86 2	17,374	636
Melvin R Lehr		B3	52 4	83 6	17,081	632
Edwin L Calhoun		B3	45 3	87 7	16,825	630
Leaspring Farm		3	48 0	82 5	17,455	627
David L&Chris Druck		B3	71 6	82 4	18,419	623
William Ruppert		B3	52 1	86 5	17,596	621
William Myers		B3	44 9	85 9	16,959	620
Daryl L Bair		B3	35 0	83 0	17,763	619
Phillip D Laughman		3	25 6	85 1	16,773	616
Walkers Farm		B3	71 4	88 9	16,610	614
Ellis Crowl		B3	84 4	88 1	16,148	609
J Donnell Taylor		B3	114 4	87 6	16,678	607
Elvin G Molison		B3	147 7	81 9	16,159	607
Leroy Bupp		3	105 0	87 4	16,892	604
Dan&Patti Hushon		B3	34 5	87 3	16,173	604
JH&MB Hushon		B3	88 9	88 2	15,594	599
Smokey Hollow Farm		G3	38 8	87 3	16,280	597
Claude Holmes Jr		3	65 0	87 0	15,332	593
Leroy Hertzler		B3	33 3	85 1	15,403	590
John C Krone		B3	43 3	87 7	16,191	589
Dennis J Myers		3	52 7	87 5	16,723	588
Hidden Springs Farm		B8	105 2	85 8	14,707	587
Robt Baumgardner Jr		B3	58 9	87 1	16,135	584
Robert W Mays		B3	64 4	86 4	16,225	583
Gum Tree Farm		3	42 3	89 1	16,227	582
Eisenhart Bros		B3	87 4	87 7	15,331	581
Robert E Morris		B3	35 6	89 3	16,014	579
George Innerst&Sons		B3	70 9	87 1	15,955	578
Desota&Robt Burchett		B3	101 1	86 9	16,065	577
Walter L Amstutz		B3	43 8	83 3	16,400	577
Rutter Bros		2	81 7	87 0	11,562	573
Albert Dehoff		B3	152 0	87 3	15,408	570
Kenneth L Rexroth		B3	138 9	86 9	14,758	568
Lonnie Robinson		B3	40 5	88 6	14,976	568
R&M Farms		G3	46 1	86 4	14,756	567
Harold Brown		3	65 8	83 9	15,403	566
Gary W Thoman		3	47 7	87 3	15,292	559
Kurt D Pealer		B3	28 2	96 2	15,697	558
T Edwin Johnson		3	61 4	84 1	14,500	558
Titus Walker		G8	34 6	84 4	14,733	557
Wayshar Farm		B3	95 1	86 8	14,499	555
John P Bortner		B3	28 4	85 4	14,888	554
William H Fantom		B3	64 6	87 5	14,516	553

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS MILK	% FAT	LBS. FAT
Emory&Wm Kilgore						
67	3	5 9	305	14,267	4 6	657
David V Thompson						
174	3	6 5	305	19,188	3 5	671
194	3	5 4	305	20 154	4 6	936
P-68	3	5 10	305	16 833	4 5	758
Ellis Crowl						
71	3	8-0	305	18,301	3 8	695
61	3	7-9	305	19,557	3 8	735
33	3	5-8	305	18,253	3 7	672
78	3	4-11	283	17,315	4 3	747
Rusty	9	4-7	305	20,195	3 9	781
H 104	3	3-11	292	17,976	4 1	742
Sinking Spring Fminc						
Tina	3	6 9	305	21,910	3 7	815
Saucy	3	6-6	305	18,087	4 2	752
Honey	3	5 1	305	21,242	3 8	811
Melody	3	4-4	305	26,540	3 4	904
Marie	3	4 5	305	22,731	3 8	858
Tilly	3	3-4	305	19,217	4 1	788
Marcie	3	2-2	305	16,290	4 3	695
Kristen	3	2 1	305	22,871	3 5	810
Rutter Bros						
Otto	2	5-1	297	13,703	5 6	774
Beshore Farms						
Jazz	3	4-3	305	27,928	3 5	967
Petunia	3	2-4	305	18,653	3 5	658
Linnan2	3	2 2	305	17,924	4 0	723
Leroy Hertzler						
Edith	3	5 11	305	17,916	4 1	726
Harold Brown						
Val	3	8-3	305	15,691	4 2	654
Edina	3	7-9	305	21,802	3 3	712
Stacy	3	4-8	305	18,864	3 8	725
Taffy	3	4-9	305	17,933	4 0	711
Gum Tree Farm						
Flash	3	3-1	305	19,765	3 3	662
Albert Dehoff						
331	3	4-10	263	15,491	4 3	669
335	3	4-11	305	18,910	3 8	719
Leaspring Farm						
Ness	3	5 2	293	17,427	3 8	661
Doug&Gene Kilgore						
April	3	5-2	305	15,712	4 4	688
Earl Fuhrman						
Vicki	3	13 11	305	19,878	4 5	897
Madge	3	11-2	305	16,459	4 2	688
Sunshin	3	4 1	305	18,020	3 8	690
Spice	3	4-0	305	24,484	3 9	956
*Maybel	3	4-2	305	21,319	3.6	768
Muffin	3	2-8	305	17,267	3 9	681
Furnace Creek Farm						
Floss	3	6-9	276	18,228	4 0	724
Ingrida	3	6-2	279	17,724	3 4	611
Lucile-	3	5 11	305	20,084	3 7	739
Lilly-A	3	5-3	305	18,341	3 9	713

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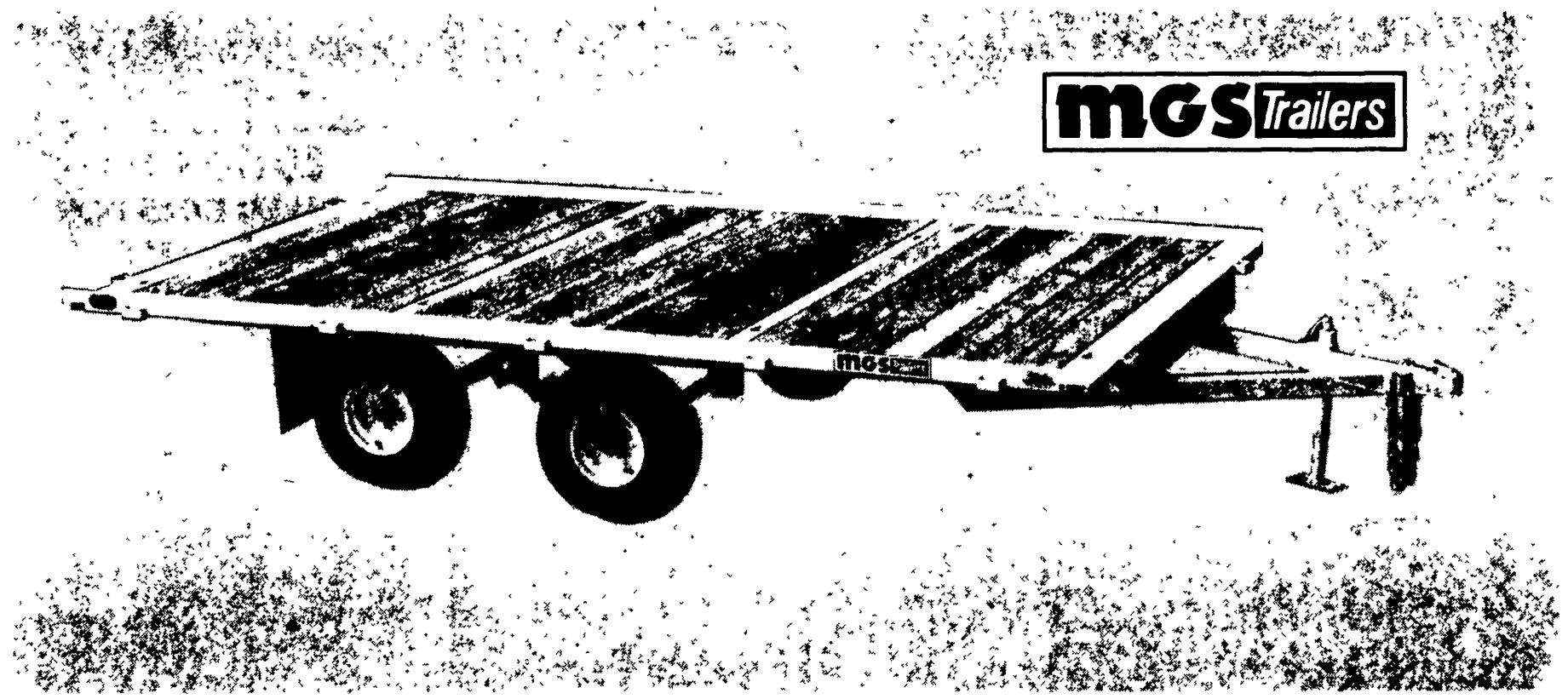

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Denver, PA
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Model SO-212

MGS SUPER OUTDOOR TRAILER

Extra Strength for Extra Use—Built with Outdoor Wood for Low Maintenance

HITCH UP TO A WINNER!

MULTITUDE OF USES

Firewood • Mulch • Building Materials • Small Tractors

STANDARD FEATURES

3 Different Widths • 4 Different Lengths • 4,000 lbs. GVWR
Frame Undercoated to Prevent Rust • Treated Floor • Stake Pockets
Swing-Up Tongue Jack • Rear Light Protection
Main Wire Inside Frame Tubing

York Co. DHIA

(Continued from Page D26)

Sharl	3	3 10	305	17 727	3 7	664
HS&RE Fetrow						
Queen	3	10 4	285	18,028	3 7	668
Bertha	3	10 2	305	24,030	3 6	856
May	3	5 10	305	25,612	3 0	766
Renee	3	5-4	305	19,328	4 0	778
Barb	3	4-4	296	20,180	3 6	725
Jewel	3	4 5	305	25,901	3 6	945
Brenda	3	7 1	305	18,461	4 3	803
Mary	3	4 0	305	22,351	3 4	751
Cindy	3	2 3	305	19,517	4 2	811
Rodman C Thompson						
Kathy	3	8 7	305	26,714	3 5	944
Marina	3	3 4	305	19,285	4 2	813
Stump Acres						
Retha	3	6 0	305	22,152	3 7	826
Leann	3	1 11	305	18,528	3 6	667
Rineway Dairy Farm						
301	3	3 0	305	23,816	3 1	743
312	3	3 3	305	17,287	4 0	694
RR&MR Stewart						
Stella	3	4 1	305	24,916	2 8	704
Smysers Richlawn Fms						
Tilda	3	3 0	305	22 730	3 6	828
Jane	3	3-1	289	17,221	4 3	747
Judy	3	2-4	305	20,962	3 4	715
Vanessa	3	1-11	305	17,620	3 8	667
Dolly	3	2 1	305	19,989	4 0	806
Elsie	3	1 11	305	17,528	3 9	692
T Edwin Johnson						
Gee	3	5-5	305	17,896	3 6	652
Leroy Bupp						
Ila	3	6-4	269	17,385	3 8	660
Molly	3	5 4	305	20,213	3 5	712
Janey	3	4 2	305	25,190	3 1	779
Honeybe	3	3-8	305	21,958	3 4	750
Comet	3	8 0	305	22,888	3 3	755
Hidden Springs Farm						
Lee	3	8 5	305	21,888	3 6	784
Alexis	3	4 4	305	18,456	3 6	672
Dennis L McWilliams						
32	3	6 5	305	16,332	4 0	654
Dennis J Myers						
66	3	5 3	305	20,169	3 3	671
Lisa	3	5 4	305	24,442	3 9	950
Titus Walker						
0852	3	4 3	305	19,837	4 4	873
Jeffrey D Stambaugh						
Sue	3	6 8	305	22 992	3 3	763
Paul R King						
Vega	3	12 2	305	23,016	3 9	895
Jody	3	2 8	305	17 260	4 0	693
Sue	3	5 11	305	20,002	4 0	794
Wayne B Mummert						
4	3	8-7	305	18,748	3 9	732
45	3	8-3	305	17,810	3 9	693
57	3	7-4	305	20,715	3 7	761
100	3	6-2	305	22,995	3 7	844
38	3	5-5	285	18,489	4 0	732
49	3	4-11	300	19,580	3 5	691
83	3	3-3	305	19,106	3 5	676
Desota&Robt Burchett						
9	3	4-8	305	21,352	4 1	877
Lynn Wolf						
Flo	3	8-8	305	20,727	3 4	711
Kristin	3	3-3	305	21,587	3 9	836
Karat	3	3 2	305	18,848	3 7	702
Kookie	3	3 0	305	24,076	4 0	971
karma	3	3-1	302	22,544	3 9	882
Robert J Reheard						
Ox	3	9 9	305	22,529	3 4	755
Rhoda	3	7 7	305	19,216	4 0	775
Jacki	3	5 5	305	22,214	3 2	703
Begonia	3	3-5	305	18,869	3 6	679
Flo	3	5 0	305	24,401	2 9	716
Melvin R Lehr						
51	3	5 5	305	15,148	4 5	676
24	3	3-4	305	20,334	3 3	662
57	3	3 7	293	19,538	3 5	687
19	3	3 0	305	22,897	3 5	802
Horace E Heindel						
49-B	3	3 7	305	18,339	3 6	659

(Turn to Page D28)

Plant DEKALB-PFIZER with confidence.

ALFALFA CORN

With these first-choice varieties

DK 556

- Responds well to higher populations
- Exceptionally strong stalk
- Good root strength
- Fast drydown
- Outstanding yield

T1100

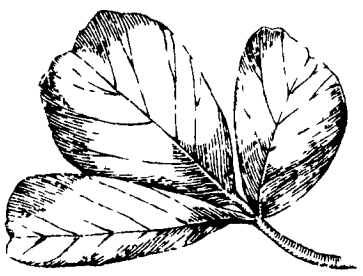
- Unsurpassed yields in its maturity
- Strong stalks and roots, rapid drydown
- Excellent disease and stress resistance, stays green
- Good drought tolerance, does well under irrigated or dryland conditions
- Excellent response to top management

DK 656

- New, very high yielding hybrid
- Very good seedling growth
- Good root and stalk strength
- Fast drydown, good drought tolerance

XL-61

- Consistent yielder for both grain and silage
- Excellent early growth
- Good plant health, strong stalks
- Good ear retention
- Quality grain with high test weight



XL-71

- Consistent high yields of quality grain
- Good early growth and stalk strength
- Excellent plant health against foliar disease
- Ideal for grain or silage

DK 135

- Excellent yields
- Verticillium wilt, anthracnose and Phytophthora root rot resistance
- Lush, leafy forage
- Bred for long rotations

120

- Your best choice for top yields
- Outstanding winter-hardiness
- Fine stemmed and leafy; high in protein
- Performs well under moisture stress

ADVANTAGE

- Outstanding yield performance
- Recovers quickly after cutting
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(Continued from Page D27)

Elvin R Deiter						
Kathy	3	11-0	305	19,720	3 7	722
Marjori	3	9-4	294	19,884	3 6	713
Nileen	3	8-5	305	19,390	3 6	707
Orange	3	7-0	305	21,400	3 5	753
Pansy	3	6-8	305	19,408	3 9	761
Charles Herr&Son						
Elaine	3	7-0	305	17,698	4 4	783
Carol	3	4-4	305	15,961	4 3	691
Alma	3	4-8	303	15,731	4 4	694
Tar	3	3-9	305	21,607	3 5	766
Wayshar Farm						
105	3	6-2	305	17,921	4 1	726
Kenneth L Rexroth						
41A	3	6-4	305	19,829	3 6	706
21	3	4-1	305	15,082	4 3	654
14	3	4-1	305	24,593	3 2	784
152	3	2-11	305	16,563	4 2	690
154	3	3-2	305	19,162	3 9	754
22	3	2-1	305	15,639	4 2	654
9A	3	2-1	305	17,840	3 8	671
Rick L Cook						
Gloria	3	4-2	305	21,347	3 6	777
J Donnell Taylor						
Happy	3	9-2	305	18,834	4 0	745
Kathy	3	6-9	305	17,826	3 8	684
Joy	3	6-7	297	17,627	3 8	678
Louise	3	5-1	305	20,887	4 3	905
Maxine	3	5-3	305	20,334	3 3	672
Rusty	3	3 4	305	20,224	4 1	826
Elvin G Molison						
7	3	7-2	285	17,437	4 1	710
106	3	6-2	305	19,130	3 7	714
42	3	5-7	305	17,257	3 8	664
125	3	5 4	305	17,568	3 7	656
99	3	4-8	305	21,112	4 4	923
134	3	4-7	305	16,411	4 1	671
139	3	4-7	305	18,646	3 7	688
148	3	4-0	305	18,431	3 7	676
215	3	3 11	283	20 451	3 2	650
233	3	2 11	305	17,063	4 0	678
246	3	2 1	305	19,921	3 4	684
Daryl L Bair						
Sherene	3	9-0	305	24,510	3 4	832
Corinne	3	7-5	305	22.840	3 5	792
Mervin W Hertzler						
Lavern	2	7 3	305	13,927	5 0	692
Becky	2	6 0	305	13,710	4 9	669
Rhonda	2	6-3	305	15,679	5 3	834
Sally	2	6-0	305	18,312	4 3	784
Elaine	2	5-1	290	15,233	4 4	672
Yvonne	2	4-5	305	13.201	5 3	703
Billie	2	4 1	305	16,151	4 6	738
Ida	2	4-0	305	13,966	5 7	801
Merry	2	3-2	305	13,552	5 3	720
Gary W Thoman						
6	3	7 7	305	24 545	3 8	927
Robert W Mays						
R 71	3	3 10	305	16,855	4 0	680
55	3	3 11	305	17,926	3 8	679
David L&Chris Druck						
25	3	7-0	283	21,907	3 8	837
49Y	3	5-2	298	23,701	3 5	823
111	3	8-1	305	19,662	3 7	722
Dale L Barshinger						
43	3	5 7	285	17,033	4 1	695
Albert Neufeld						
10	3	9-1	305	18,298	3.9	721
72	3	5-0	305	18,161	3 8	695
Big T Holsteins						
Gay	3	5 1	305	22,619	3 2	733
Jasmin	3	5-4	305	16,916	4 4	752
Ginger	3	4-10	261	16,299	4 6	748
Missy	3	4-1	292	19,744	3 9	764
Bones	3	3-1	305	18,304	4 4	803
Jackie	3	3-3	305	19,160	3 7	705
Gayle	3	1 10	305	22,006	3 3	734
Ada	3	2-0	305	20,851	3 2	669
Jacob Brubaker						
52	3	5 4	305	21,805	3 6	785
25	3	4-8	305	15,814	3 9	612
Charles Hess						
55	3	5 0	305	19,139	3 5	677
John C Krone						
Candy	3	4 1	305	16,693	4 4	731
Perrydell Farms						
96	3	6-0	305	14,334	4 6	666
115	3	6-0	305	16,508	4 4	727
44	3	4-1	305	18,750	4 0	759
William Druck Jr						
111	3	6 0	305	21,637	3 2	683
David Stewart						
Hot	3	5 1	305	20,546	3 6	740
Pinky	3	4-0	305	22,899	3 0	691
Greta	3	5 0	305	20,698	3 7	764
Walnut Hill Farm						
Linda	3	8 2	280	18,761	4 2	789
Fawn Meadow Holstein						
132	3	5-2	305	20,969	4 0	837
114	3	4-2	295	20,877	3 3	692
53	3	3 6	305	15,009	4 4	658
95	3	2 2	305	19,012	3 7	705
David Gemmill						
137	3	3 4	305	14,263	5 0	713
R137	3	5 2	305	20,189	3 5	713
Double D Farm						
D-95	3	8 1	305	18,631	3 9	720
D 114	3	8-0	305	17,490	3 9	678
D-117	3	8 1	305	17,772	3 8	670
D-131	3	5 1	305	21,079	3 7	778
D 142	3	4-9	297	15,033	4 4	657
Deal Holsteins Farm						
86	3	5 9	305	20,882	3 1	65[illegible]
110	3	8-1	305	16 709	4 0	665
Barrens View Fm						
Brenda	3	3-9	305	18,917	3 4	652
John P Bortner						
053	3	5-0	305	22,442	3 7	824
15	3	5-5	305	16,728	4 1	688
9	3	6-5	305	18,488	3 9	725
Lonnie Robinson						
*Dolly	3	6-10	277	19,721	3 7	731
George Innerst&Sons						
23	3	4-4	305	23,562	3 3	782
50	3	4-9	305	23,817	3 7	883
Jim&Holly McCaffree						
Lisa	3	6-6	305	17,262	3 9	670
Walter L Amstutz						
Jeanne	3	3-1	305	18,019	3 7	673
William Myers						
Gay	3	4 1	305	20,714	3 7	757
Kenneth G Glatfelter						
61	3	7 3	305	17,013	3 9	665
Dan&Patti Hushon						
Iris	3	7 3	305	22,166	3 7	810
Leonard Greek						
Jose 19	3	3 2	305	21,784	3 5	764
Primo 7	3	2 11	305	17,395	4 0	692
David M Emig						
57	3	5-0	305	14,493	4 6	660
McRal Dairy Farm						
121	3	5-9	305	18,806	3 6	676
139	3	5 1	305	22,030	3 9	858
168	3	4-7	305	21,432	3 5	745
173	3	4-4	305	17,411	4 0	692
179	3	4 6	305	22,678	3 7	832
Dputy62	3	4-3	297	19,162	3 4	660
211	3	3 3	305	20,610	3 4	709
382	3	3-2	305	17,797	3 7	653
385	3	2-8	304	19,066	3 5	661
392	3	2 2	305	20,095	3 5	706
393	3	2-4	294	16,837	4 1	684
William Ruppert						
Glow	3	9 2	305	16,535	4 1	686
Jack	8	0 0	305	20 300	3 3	666
Eisenhart Bros						
212	3	9-3	305	19,134	3 5	670
290	3	5 3	305	23,133	3 2	729
339	3	3 5	305	19 444	3 5	683
341	3	3 5	305	15 907	4 1	651
Wayne E Myers						
Hilda	3	5 2	305	21 499	3 6	776
Victora	3	2 0	305	21 084	3 3	703

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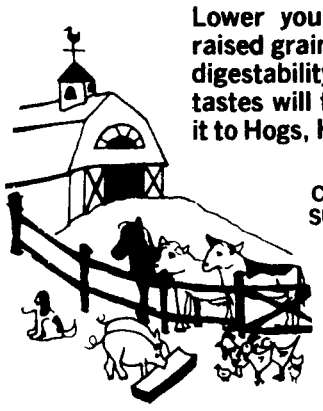

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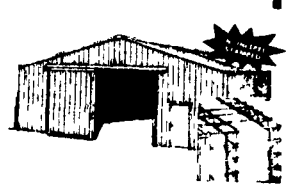

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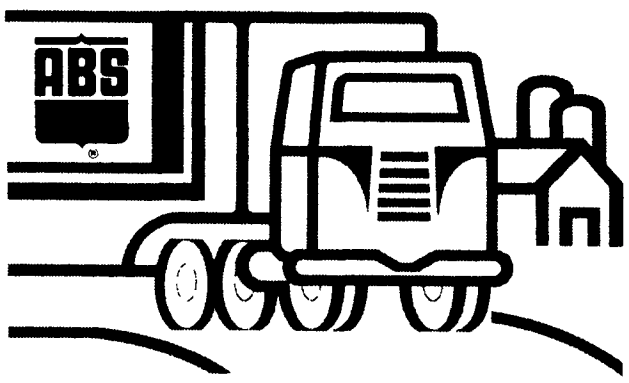

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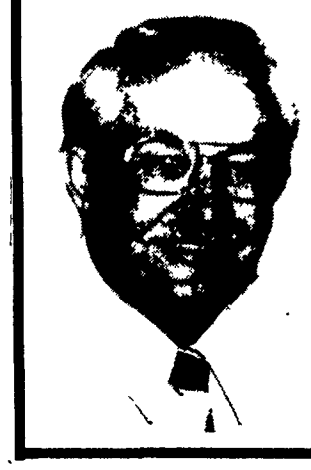

The Dairy Business

By Newton Bair

Let's Be Careful, It Can Happen Here

The European Economic Community (EEC) has imposed a quota system on the dairy producers of Western Europe. Many of the details of the very restrictive program were reported in the May 25 issue of Hoard's Dairyman. It will pay you to hunt up that issue and read it.

The quota system adopted in Great Britain is based on a farmers 1983 total production minus 9 percent. A heavy penalty is levied on any milk produced beyond his quota. For most farmers, it is high enough to make any surplus very unprofitable.

After a first hand look at some of the European farmers reaction to milk quotas, I am a little fearful that we wouldn't like it any better than they do. I had the opportunity to travel in England, Wales and Scotland in September, and it is very apparent that British farmers are facing some tough times. They don't hesitate to express their feelings publicly.

One farmer placed a billboard in his pasture with this bit of information: "Here is what Milk Quotas have done to this herd of 67 cows—15 cows slaughtered—15 calves unborn—2 men out of work—The bull is unhappy—and the Bank is about to foreclose—".

Dairymen in Britain are particularly hard hit because they have not been paid as well for milk as the French, German and Dutch farmers. The price at the farm last year was about $9.07 per 100 pounds. With the quota in effect, he is hit with a double whammy. Not only is production reduced, but the price per 100 pounds is now down to $8.91 in American dollar equivalent. Inflation in Britain is running about 5.5%, so he is also facing increased costs.

The whole problem stems from the fact that total milk production in Western Europe has reached unmanageable proportions. In 1983, the EEC had a surplus of over 42 million pounds. The trend is much the same as we have experienced here in the US, resulting in fewer dairy farms, but higher production per cow. Some members of the EEC allow trading in quotas, resulting in hardship for the smaller operators and making it extremely hard for a young farmer to get started.

We had better pay close attention to our own situation here in the USA in the next couple of years. While we may find some encouragement in the reduction brought about by the current Dairy Program, there are a lot of heifers waiting in the wings for the end of the program next March. Washington will be crawling with ideas next year for a new Dairy bill, unless we get our house in order.

As much as we might dislike restrictions on production, there is only one alternative to help bring supply and demand into balance. That is to increase sales and consumption of milk products. It is happening to a small degree, but it will take more initiative on our part to increase sales.

We hope that production quotas won't be a part of the next Dairy bill, but you can rest assured that all of us must be more sensitive to the marketing of our product. We are competing with the rest of the world, and may have to play the game by some of their rules, whether we like it or not.

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Tobacco leases dropped

WASHINGTON, D.C. — The U.S. Department of Agriculture will not restrict the timing of payments for the lease of flue-cured tobacco allotment and quota, when the crop is grown on the farm to which the allotment and quota are established. Everett Rank, administrator of USDA's Agricultural Stabilization and Conservation Service, said that in such cases USDA will not require flue-cured tobacco producers to certify that none of the consideration for the lease has been paid until after the tobacco is marketed.

Rank said that this determination does not affect the previously announced requirement that, when the allotment and quota are transferred from one farm to another, payment of consideration for the lease may not be made before the first marketing of the tobacco. This requirement, under the Dairy and Tobacco Adjustment Act of 1983, is in effect for the 1985 and 1986 crops.

"The 1983 Act also called for a similar requirement beginning with the 1985 crop, insofar as reasonably practicable, when an allotment and quota are used in growing tobacco on the farm where the allotment and quota are established," Rank said.

"A total of 974 people submitted written comments," Rank said. "The overwhelming majority opposed restrictions on the timing of payments when the crop is grown on the farm to which the allotment and quota are established. The majority of those commenting stated that financial arrangements for the payment of flue-cured leases varied considerably from producer to producer and are based upon numerous factors that USDA could not adequately and equitably address." In addition, these comments indicated that such a requirement could not be effectively administered.

After considering all comments received, Rank said, USDA has determined that, in cases where the tobacco is grown on the farm where the allotment and quota are established, it is not practicable to require that none of the consideration for the lease of the allotment and quota has been or will be paid until after the tobacco is marketed.

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For Sale - Surge Alamo 100 Vacuum pump. 5.5 HP motor direct drive, $1275. Franklin Co., 717-264-6007.

For Sale - Timberline fireplace insert, 8' overcab truck camper, Lanc. Co., 717-529-6236 after 6 pm

For Sale - 50 Bu. cleaned rye. Also, 6 ton running gear with 6 ply tires. $195. Lebanon Co., 717-865-6836.

For Sale - Buggy, steel tires, roller bearing, storm front and lights. $650. Amos Sensenig, Port Trevorton, R1, Pa. Snyder Co., 17864.

Notice - Free to good home; four year old male beagle; very friendly, good pet. Dauphin Co., 717-564-3837 after 6 pm.

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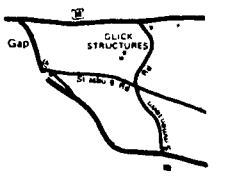

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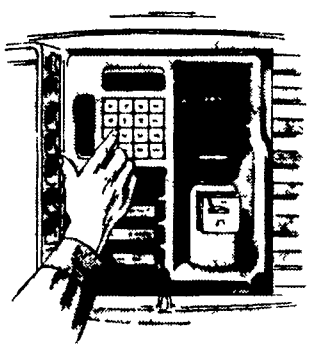
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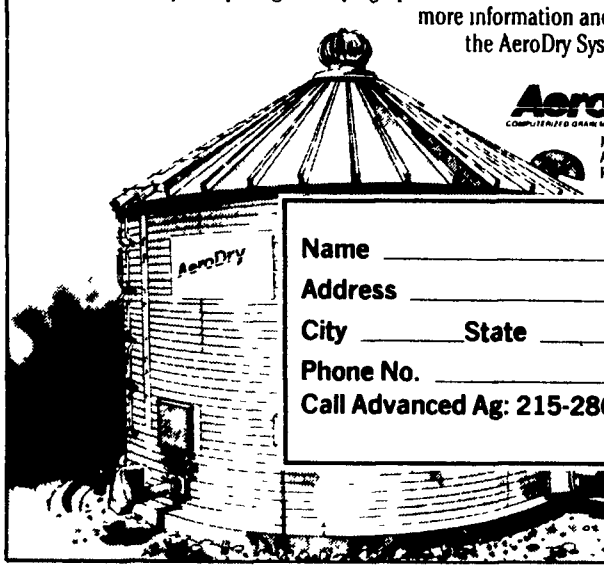

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Call Advanced Ag: 215-286-0301 LF

MAILBOX MARKET

Wanted - Good young 30-35 head herd cows. Dec. or Jan. Give phone no. Samuel F. Stoltzfus, Christiana, RD1, Box 199, 17509.

For Sale - Starter Flock, 38 ewes, 2 rams. Suffolk-Suffolk crosses all sound. Westmoreland. 412-459-8135 evenings.

For Sale - Spring and fresh cows. Coming 2nd calf. Good type and production. Lanc. Co. 717-768-4376.

For Sale - Used 40' elevator, $700. 717-397-3944 evenings after 6 p.m.

For Sale - 2300 B.F. Barn timbers, 270 Lin. f. 6" oak flooring. 600 Lin. f. 1½"and 2"x6" oak planks. $300.00 for lot. 717-626-6805.

For Sale - AKC Cocker Spaniels, 5 calf hutches, $70.00. Lanc. Co., 717-665-7284.

For Sale - Recreational land in Clinton Co. Bear, deer, turkey, grouse, squirrel hunting. Border state land. 10-30 acres. Lancaster Co., 717-627-1594 eves.

For Sale - Jersey Cow fresh 5 week. Also 5 yr. old standard breed horse. Lancaster Co., 717-354-5039.

For Sale - 1974 LN 750 Ford Truck, 22'. bed, 26,000 GVW, runs good, good for hay hauling. Lanc. Co. 215-445-5851.

For Sale - N.I. 323 Corn picker. Hand lift. Good condition. Lanc. Co. 717-426-3871.

For Sale - Merrow overlock, singer shoe patch and singer hemstitching sewing machines. Berks Co., 215-367-9622.

Notice - General hauling of hay, farm machinery, or any misc. items at a reasonable rate. Also, 16' silo roof. 717-933-4616.

For Sale - Rye, $4.00 bushel, JD A w/corn picker. Nice condition. Schuylkill Co., 717-386-4743.

For Sale - 8 yr. old Standard bred carriage horse. Works single and double. Lanc. Co., 717-858-2374.

For Sale - Soybeans D-2 Sander manure loader, $195. Little Giant corn drag, $175. N.I. 752 crimper orange top. $595. 717-354-0266.

For Sale - A.C. 4 row corn head model 4C-C440 for Gleaner C. 201-647-1708, Somerset County, N.J. after 6 pm

For Sale - NI 1 row #10 corn picker, very good condition, $900. Somerset County, N.J., 201-359-1140 after 7 p.m.

For Sale - Targhee-Rambouillet cross ram. Large, fall born, fall breeder. 2 yrs. Horned. Northampton Co., $75. 215-588-7191.

Wanted - Used market wagon, give price and condition. Menno Stoltzfus, Box 52A, Madisonburg, Pa. Centre Co.

For Sale - Purebred Nubian Buck, 4 years old. God Gift and Jowanda. High milk production background. Franklin Co., 717-532-3736.

For Sale - An unregistered white caramel pygmy buck. 6 weeks old. At Stud - 3 registered pygmy bucks. Lebanon Co., 717-865-5080.

For Sale - JD 300 snowmobile, good running condition, $600. Lancaster County, 717-665-5150.

For Sale - Reg. Border Collie pups from good stock, ready to train and work. $30.00. Lancaster Co., 717-733-7809.

Notice - Free for hauling-weekly produce trimmings. Root's Country Market and Auction, R.D.1, Manheim, Lancaster Co., 717-898-7811.

For Sale - New 6' J.D. cutter Bar with guard and shues, $40.00. York Co., 717-235-2032.

For Sale - 2 sets steel wheels for 8N or 9N Ford Tractor. Gideon Stoltzfus, RD1, Blain, Pa. 17006, Perry Co.

Wanted - JD MC or 40 crawler tractor with dozer blade, running or for parts. 609-358-7468, Salem County.

For Sale - 2 male rabbit dogs, experienced hunters. 2 Coon dogs. Talbot Co., 301-364-5447 after 7 pm or early am.

For Sale - Cider apples. Cecil Co., Md. 301-658-5261.

For Sale - First and second cutting alfalfa - no rain. Front end loader for Farmall Super Co., $225. Northumberland Co., 717-758-8671.

Wanted - Factory round spoke. Rubber tire rear wheel for 1938 McCormick-Deering W-30 Tractor. Warren Co., NJ, 201-454-1866 after 6 pm

For Sale - 2 Adjoining farms, good buildings. Very productive soil, spring-fed water. Will finance 70%. John Strawbridge, York Co., 301-996-2022.

For Sale - One row Int. Potato Digger, PTO, rubber. Good condition. $550. York Co., 717-432-4228 eves.

For Sale - Int. B275 Diesel, 35hp 2001 loader, wide front, 3 pt., $3500. Lebanon Co., 717-865-3673 after 5 pm

For Sale - JD4230 power shift, excellent condition, will guarantee; 65 IH 1600 dump truck, 717-597-7295.

For Sale - JD#5 Shredder attachment for JD Baler. Mifflin Co., 717-483-6291.

Wanted - Open center steel wheels, (approx.) 14" wide x 52" diameter. Other sizes considered. Box 365, Ephrata 3, 215-445-6885.

For Sale - 2 Row mounted CORN PICKER IH2MH brackets for M. Good for parts. $350. or offer. Lehigh Co., 215-398-0306.

For Sale - Radial-arm Cinncinnati drillpress w/drills. Airco 250 wire welder, MEG. Radiograph burning table, $3200. Lycoming Co., 717-435-0671.

For Sale - Eleven semmintal heifers, yearlings. Home-raised. Milbourne, Cecil Co., 301-398-2751.

For Sale - New VanWert Anthratherm Coal Boiler, steam or hot water, 416,000 BTU, $6,000. Mont. Co., Pa. D. Shollenberger, 215-489-2881.

For Sale - Gentle registered Polled Hereford Bull. Proven Herd Sire. Birth Date, 9/81. Price $750.00. Adams Co., Pa., 717-359-4838.

For Sale - Tractor, 1086 IH, 640 hrs., AC cab, 20.8x38 tires. Kept inside. $20,000. Baler NH282. 215-869-2863. Chester Co.

Wanted - 1960 Ford Convertable parts - mouldings; 1958-60 Lincoln convertable parts-mouldings; 1967 Thunderbird 4 door parts-mouldings; 215-374-9203

For Sale - Welsh Cargi pups, adorable, $75. Also, beautiful mother, 2 yrs. $125. 609-235-3099 after 5 p.m. Burlington Co., NJ

For Sale - 1984 ATC Honda 4-wheeler, new condition. 717-733-9585

For Sale - H Farmall /loader and cultivator $1,650. Oliver transport disc 32 /buster bar. $750. Adams 717-334-7231

For Sale - Saw Buck, best offer over $50. Manheim, 717-665-7140. Lanc. Co.

For Sale - 210 Austin Weston 7½ ton rough terrain crain, 35' boom, 4 wheel steering and drive. $8,000. 201-722-5399. Somerset, NJ

For Sale - Registered Australian Shepherd puppies, 7 wks., dependable herders and watch dogs. Blacks, reds and merles. Bedford Co. 814-847-2869

For Sale - Oil fired floor furnace $75.; 8.00x16.5 tubeless 6 ply tires $15. ea. 717-527-4196 Juniata Co. after 5 p.m.

For Sale - TO35 Ferguson front blade /front mounted pump and rear scoop. 717-385-0723 after 6 p.m. Schuylkill Co.

For Sale - App. 2,000 bd ft. Popular Lumber air dried, reasonable. Lanc. Co. 717-354-6405

Notice - AKC Old English Sheepdog Stud Service. Proven Stud. Paul N. Hoover, East Earl, R.D.1, Pa. 17519. Lanc. Co.

For Sale - NH 202 manure spreader for parts, good rear end. $250. Elam F. Lapp, Box 330, R.D.4, Lititz, Pa. 17543

For Sale - Hydraulic Egg Cart Lift. Daniel M. Glick, 631 E. Millport Rd., Lititz, R.D.8, Pa. 17543

For Sale - McCormick ground-driven manure spreader, good cond. $175. 3 pt. hitch sprayer frame $75. Lanc. Co. 717-464-2427.

For Sale - Small machine shop shaper $1,100.; One Cylinder Air Co. Welder and power supply, 3 KW complete. $475. 717-652-1957. Harrisburg, PA

Notice - Experienced college student wishes part time work on dairy farm within reasonable driving distance from Millersville. Alan Weaner 717-872-9959.

For Sale - Old Amish dolls, knit stockings-mittens, children bonnets, quilts, hooked rugs, rag carpet. Box 21, Lititz, PA 17543

For Sale - New Bedding Chopper w/8 h.p. engine. $975. Lanc. Co. 717-656-2846

For Sale - Reg. Polled Hereford Bull; O.M.C., stacker & mover, like new; Ontario grain drill. Adams Co. 717-528-4914

For Sale - '78 Dodge D200, 318, 4 speed, PS, PB, clean truck $2,600. 215-775-2783 Berks Co. after 7 p.m. or weekends.

For Sale - (1) new heavy duty tractor tire 18-4-30. $100. 215-942-2090 Chester Co.

For Sale - Purebred Dorset Ram, 3 yrs. old. Make offer. Edwin Z. Shirk, R3, Gristmill Rd., Ephrata, Pa. 17522. Lanc. Co.

For Sale - 19,500 BTU kerosene heater, like new $50.; 10' electric baseboard heater, one 3' section, 2 yrs. old. 717-865-7119

For Sale - Saddle bred Horse. Too much for women. Jacob S. Blank, R.D.4, Box 33, Quarryville, Pa. 17566

Wanted - Old tin or wooden signs, old cigar labels, cancelled stocks, bonds, ledgers, magazines, photographs. Lanc. Co. 717-560-0639 afternoons, eves.

For Sale - 5 15" 6 lug wheels for Chevy or GMC pickup, $10. ea. Berks-Lehigh Co. 215-756-6285.

Wanted - Good, used backhoe/loader, reasonable price. 717-675-2090 Luzerne Co.

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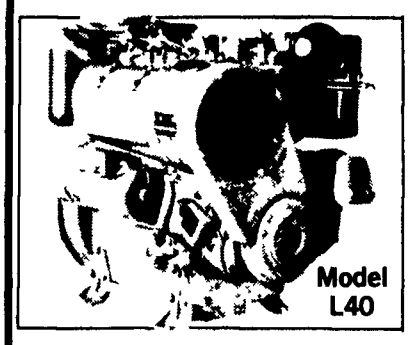

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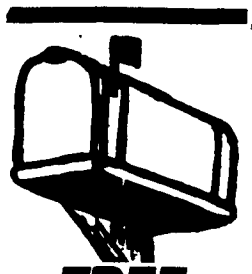

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For Sale - 610 Long Crawler, 3 pt. hitch, PTO, blade, 70 hrs.; Kveneland automatic 4 btm. rollover plow, 20 ac. 617-763-5275

Wanted To Rent - Acreage and/or tobacco shed in West Hempfield Twp. area. 717-684-0777 Lanc. Co.

Wanted - Chains for tractor tire size 18.4-38. 215-837-7142 Northampton Co.

For Sale - Newfoundland pups, black or rare bronze. Ch imported bloodlines. Health guaranteed. Excellent /children. $250. - $450. Mifflin Co. 717-899-6345

For Sale - Red beef cow & bull calf & black heifer. Metal window 32"x42" and 14 stanchions. Lebanon Co. 717-865-2635

For Sale - JD hyd. dump wagon, 14' 200 bushel cap. on 1064 gear. Exl. cond. Berks Co. 215-926-5118 evenings $1600.

For Sale -(1) 400' of 1¼" used black water pipe - also 400' of 2" pipe. Both good cond. Chester Co. 215-286-9426

For Sale - Cab for JD 450 crawler loader. $250. or best offer. 215-286-9797 Lanc. Co.

Wanted - 10" new or used table saw, good cond., state price. Elam M. Esch, Honey Brook #2, Box 160B, Rt. 10, 19344.

Ford Sale - Misc. old horse drawn wagons. 215-383-6735 after 5:30 p.m. Lenox Leinhauser

For Sale - 2 Grade Hol. heifers due mid Jan. Bred to Very. $700. ea. 215-822-9696 Bucks Co.

For Sale - Small hobby farm Cambria Co. Four bedroom brick and stone house, good cond. Bank barn and outbuildings. 814-487-5398

For Sale - JD 700 grinder mixer /2 screens in ex. cond. Cumberland Co. 717-776-7646

For Sale - Grade Holstein heifer due Nov. 25 Bred to 9H557 Wiseman. 717-367-3234 Lanc. Co.

For Sale - Wondaire hot air, oil furnace /air fan $50. or reasonable offer. 215-445-6959

For Sale - 788 Remington rifle 308 caliber 4 power scope and sling; 2 farrowing crates; 717-582-2161 Perry Co.

For Sale - Bred sows and gilts, due to farrow soon. Lanc. Co. 717-464-2028

For Sale - JD 950 diesel tractor, 3 pt., 4 WD, 60" loader. $8,000. Lut. Co. 717-822-3704 after 6 p.m.

For Sale - Full grown ducks and geese; Like new Oak Skids, all sizes; Cut-up Oak Boards for Firewood; Bull calves. York 717-244-0624

For Sale - Int. 350 disk 10' 3" transport; Brillion 11' culipacker, both are like new. Adams Co. 717-334-3293

For Sale - 2 motorcycle frames and engine parts, 1 Honda 90. 1 Yamaha Twin, $25 takes both. Chester Co., 215-327-3311.

For Sale - Schramm Air compressor, six cylinder, powered by I.H.C. diesel approx. 250 c.f.m., $1500. Lanc. Co., 717-354-9835.

For Sale - Bright Barley Straw, can deliver. J. Hamme, York Co., Box 355, Seven Valleys, Pa. 17360. 717-428-3035.

For Sale - 3 Male Fox Terrier pups, Mother good ratter. Lanc. Co., 717-656-8961.

For Sale - Irish-Horse Collars, recondition sizes, 18"-27". Christ E. Fisher, RD1, Box 162, Paradise, Pa., Lanc. Co., 17562.

For Sale - Registered accredited Guernsey cows w/records. Several are family type and milking. Marestta redwood silo doors. Adams Co., 717-359-4383.

For Sale - NI corn picker no. 325, narrow row, good condition. $3500. Lanc. Co., 717-354-6706.

For Sale - Sweet potatos and celery. Wholesale and retail. Ezra L. Fisher, Box 223, Gap, Pa. 17527.

For Sale - IH 234 corn picker, used very little. Fits M thru 3 pt. tractors, reasonable. 301-452-5057 evenings. Harford Co.

For Sale - Kawisaki 125cc, less than 5,000 miles. $345. after 3 p.m. 717-252-1008

For Sale - 2 aluminum storm doors $10. and $15.; Aluminum storm windows $5.00 ea. after 7 p.m. Lanc. Co. 717-653-5926

For Sale - Twin heifers due Jan. sired by Benmeade Magic of Lincolm Dam had 3 consectutive 20 thousand lb. records. 717-292-1405

For Sale - 3 pt. 7' harrow $100.; NH tank spreader $200.; Ford 3 btm. plow $300.; 717-865-2202 Leb. Co.

For Sale - 4'x8' tilt bed trailer; 5'x7' gang mowers. 717-442-4279 evenings.

For Sale - Used hydro heater wood stove, Franklin style - best offer. Daytime 717-354-4631 Evenings 717-445-5460

For Sale - 10 Smidley sow and creep self-feeders, like new. $50.; Farrowing crates $35.; Nipple type waters. 814-793-3410

For Sale - 2 cylinder Slanzi diesel /starter. Eli S. King, Box 423-A, N. Star Rd., R2, Ronks, Lanc. Co., PA 17572.

Wanted - Hit and miss gas engines. Alex Puskas, R.D.2, Box 327, Somerset, NJ 08873

For Sale - 4 Bobcat kittens and Toy Fox Tierre pup. Amos M. Hoover, R.D.1, East Earl, Pa. 17519

For Sale - White Kalamazoo cook stove, needs some work, best offer over $50. Lanc. Co. 717-653-1367 after 5 p.m.

For Sale - 79 Granada, low mileage, ex. cond.; Transplanters - 2 row mechanical, planted 4 acres; 1 row Powell. Berks 215-589-2833

For Sale - Large size Warm Morning gas heater, like new, 50,000 BTU. Christ F. King, 186 Quarry Rd., Leola, Pa. 17540

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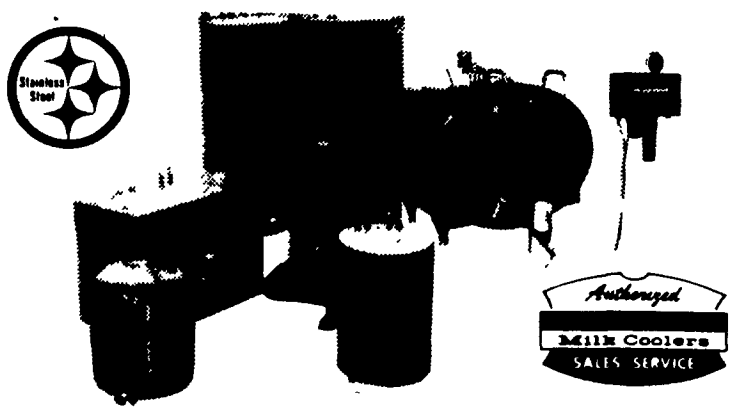

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Notice - Pygmy Goat Owners. Anyone interested in joining newly formed club to foster public interest in the breed. 215-948-6421 Montgomery Co.

For Sale - 2 ME cornpicker mounted on M tractor, Farmall 300 tractor, 3 pt. 7 tooth chisel plow. 717-865-6585 Lebanon Co.

For Sale - AKC Shetland Sheepdog puppies. $125. Amos D. Lapp, R.D.3, Box 436, Huyard Rd., New Holland, Pa. 17557

For Sale - Barb wire, 15½ gage, 2-strand 4 pts. 80 rods, 12 rolls, $18. per roll. Chester Co. 215-857-9316

For Sale - three farrowing crates used twice; 7' Vee snow plow; double stainless steel wash tubs. Monroe Co. 717-992-4446

Wanted - Good incubators from 50 eggs to 400 eggs. Sutton Box 3306, Long Branch, NJ 07740. 201-229-6969.

Wanted - Large Cider Press. 201-782-4331 Hunterdon Co., NJ

Wanted - Older Backhoe, 1970 down for on farm any condition. Will look at Perry Co. 717-957-3350

For Sale - Dial Scale - weights up to 400 lbs. 302-731-7977 New Castle Co., Newark, DE after 4 p.m.

For Sale - JD model M, WFE power take off. $1,500. Simplicity tractor, electric start 32" mower. $375. Warren Co., NJ 201-362-8964

For Sale - C-600 Ford 21000 gross 16' body wheel base w/4 extra wheels, 5,000 miles on new motor. 717-754-4661 evenings.

For Sale - Slate sink top, 27¼"x15 3/8" opening. Oliver disk (20) harrow. Lanc. Co. 717-626-7282.

For Sale - White triple track storm window, 28x63 - 31x63. York Co. 717-428-1258.

For Sale - Surdiac Southport coal heater, used 4 years, in good condition. MCK516. 717-656-6727.

For Sale - Firewood by cord or pickup. You split or I split. Elam S. Beiler, 12 S. Ronks Rd., Ronks, Pa. 17572

For Sale - Early Saw 28" blade /belt needs legs; Bath Tub /legs; Wall mounted basin; good condition. Chester Co. 215-255-4646

For Sale - Antique aeromotor pump jack engine, runs good. Also, IHC cream separator. Lanc. Co. 717-653-5332 morning and evenings.

For Sale - Tobacco paper $15.50 per roll. Also, Oliver 60 on diamond tread steel $250. Lanc. Co. After 8:30 717-656-9177

For Sale - Antique Player Piano, restorable condition, marble top table. Leb. Co. 717-865-3514

For Sale - Ford Truck, C O 500, 300-Six cylinder, 17,000 GVW, good rubber, no rust. $850. Berks Co. 215-679-2439

For Sale - Ford 800 tractor w/heavy duty loader, JD two btm. plow 3 pt., 3 pt. sickle mower. 215-791-0186 eve.

For Sale - Shelties - one tri colored male; one Blue-Merle female, excellent mother. Plus one male pup, 3 months. Bucks Co. 215-766-8787.

For Sale - 1947 Dodge truck w/9' cattle bed. Lanc. Co. 717-354-7186.

For Sale - Fox Terrior, Australian Cattle Dog mix. $10. ea. David L. Zook, R.D.1, Box 286, Bartville Rd., Christiana.

For Sale - JD 435N corn head for 95 combine, good cond. York Co. 717-235-6195

For Sale or Trade, 702 Uni-System w/corn picker and sheller. 5 ton Tyler perterlizer spreader. Lanc. Co. 717-285-5413.

For Sale - 12A NI manure spreader, good cond. $385. Samuel E. Stoltzfus, Rt. 7, Coatesville, Pa. 19320 Chester Co.

For Sale - Angus-mixed cow w/calf. Montgomery Co., Pa. 215-933-7683

For Sale - Capons alive or dressed to order. Samuel F. Zook, Route 7, Box 294, Coatesville, Pa. 19320, South Birdell Rd.

For Sale - 4 yr. old, quiet, Cheviot Ram, proven. $50. Chester Co. 215-593-5600

For Sale - 2 Goats, one Angora Buck big and beautiful and one 3 yr. old Doe, friendly. Chester Co. 215-942-4097

Wanted To Buy - person w/skin problem needs tanning booth (UV) reasonable. Northampton Co. 717-897-6623

For Sale - 7 bred heifers, 4 purebred. Leb. Co. 717-933-8863

For Sale - 2 Landis #3 harness stitcher's, Leather creaser and splitter. Mervin Martin, R.D.4, Snapper Dr., Ephrata, Pa. 17522

For Sale - Blodgett 4 door gas oven, 4 burners on bottom. $125. Colebaine dough roller w/motor. $100. York Co. 717-428-1709

For Sale - 30 electric cow trainers. 75 cent each. Lanc. Co. 717-768-8684

For Sale - JD F-125 4-16" plow; MF 3 axle 16' gooseneck dump tlr. $4,800. York Co. Evenings 717-292-4245

For Sale - JD 105 corn special combine w/643 corn head $9,500., 444 corn head $3,000. No Sunday Calls, York Co. 717-259-9922

For Sale - COMBINE IH 93 w/10' pickup reel, $995. IH truck 300 bu. body, currently registered, $500. 609-586-2869. Mercer Co.

Notice - For Rent 100 acres farm for deer season. Plenty of deer and stands. Montour Co. $300. 717-437-2431

For Sale - Golden Retriever puppies, AKC registered, vaccinated, dewormed and guaranteed, golden coats. Males and females. $200. Northampton Co. 215-863-9125

For Sale - Toledo (meat) band saw, cooler track w/scale, chest-type freezer. 717-345-3359 Schuylkill Co.

For Sale - 50 White Geese. Will sell any amount. 717-776-5495 Cum. Co., Pa.

For Sale - Transport auger 53'x8", NI good cond. $1500. Lebanon Co. 717-866-4264

For Sale - Oliver Superior 13 disc grain drill, fair condition or can be used for parts. $50. 717-252-2455 York Co.

For Sale - 6 Holstein heifers, 1-3 months old, Atlantic Breeding. David L. Stoltzfus, Narvon, R.2, Box 266, Pa. 17555 Lanc. Co.

For Sale - Truck load metal cabinets and cupboards, 150 solid doors w/heavy brass latches and door closers. 717-445-5297 Lanc. Co.

For Sale - 19½ acre farm, Octorara Schools. New home, Barn, 2½ acre pond. Complete privacy, Sportsmens Paradise. 717-442-4793 Lanc. Co.

For Sale - Hay, mixed grasses. Timothy, orchard and clover. Exc. hay for horses and beef cattle. York Co. 717-432-5047

For Sale - 12 disc JD grain fertilizer drill on steel, ready to go. $175. 717-432-5661 after 7 p.m. York Co.

For Sale - Two medicators, Gehl 100 hyd. grinder mixer. Heavy duty JD wagon w/5 T. gravity bin. Lanc. Co. 717-665-5728

For Sale - Adult Jersey Bull, good for breeding heifers. $600. Lanc. Co. 717-786-1648

For Sale - Driving horse, safe for women. Lloyd H. Martin, New Holland R.D.1, Pa., Box 782. Near Red Run Campground.

For Sale - 10 h.p., 3 phase air compressor (Ingersol Rand), air condition air dryer and motor starter. 717-838-5974 after 6:00 p.m.

For Sale - 10 ton Brome and Alfalfa Hay, 5 ton Wheat Straw. 717-567-6326 Perry Co.

For Sale - FMC John Bean Orchard Seed Sprayer, 400 gal. tank, excellent. $3,250. or make offer York Co. 717-757-2842.

For Sale - Davis Trencher, Backhoe, 18" bucket, 4 wheel drive, hydraulic, 65 h.p., wincion engine. $7,900. Berkks Co. 215-926-3284

For Sale - Mattison 55-C automatic wood turning lathe, double end drive. Berks Co. 215-682-6445

For Sale - 1206 Int. W.F. w/cab; 2120 JD W.F. diesel; JD 158 loader; MF 300 combine w/2 heads. 215-777-0052 or 775-0508

For Sale - 1980 Plymouth Volair Station Wagon, 6 cylinder, air, automatic, PB, PS, roof rack, AM-FM. $3,395. 215-488-6826 Berks Co.

For Sale - Farmall H Tractor 1950. $850. or cash offer. Also, Farmall 806 pedal tractor. $175. cash 717-938-6322 York Co.

Wanted - Small gas heater suitable for small greenhouse; Also, oil and wood combination hot air furnace. Lanc. Co. 717-653-4009

For Sale - Farmall F20 w/starter, new paint. $975. 3 point Wood Saw, belt driven. $275. York Co. 717-244-3415

For Sale - 3088 International tractor, 200 hrs., show room condition, half down, owner will finance remainder. $18,500. Berks Co. 717-933-5565

For Sale - 3 section spring harrow, fair condition. $40. Lanc. Co., Pa. 717-872-8553 after 4:00

For Sale - Del. Co., 1953 Dodge pickup truck, 1970 Slant Six motor. As is and no title. $200. 215-459-5059

Start A Fall Heifer-AI Program Designed For Maximum Genetic Gains

15H341 STEWART

These Sires Average:

1H385 ACE

9% Calving Ease

+$101 PD$

+.10% Test

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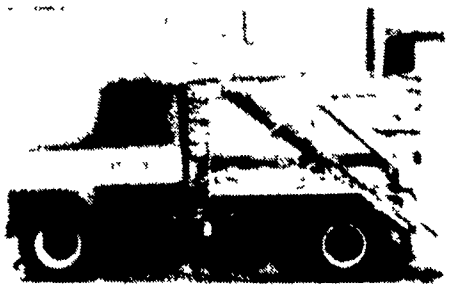


- **FERTILIZE ALFALFA NOW! -** To improve winter survival and insure maximum production next spring.
- **ALFALFA HERBICIDE -** Let us apply your alfalfa weed control NOW! Controls Chickweed, Yellow Rocket, Shepherd's Purse & many more problem weeds.
- **LIME -** We offer prompt truck spreading of Martin's Ag Limestone. Apply now on Alfalfa & Fall Seedings.
- **COVER CROP RYE -** Available now for Fall Seedings. PTO & Engine Spreaders for seeding Rye.

AG PRODUCTS
MASTER FARMER
AG SERVICES

ORGANIC PLANT FOOD CO.

2313 Norman Rd., Lancaster, PA
PH: (717) 397-5152
HOURS: Mon.-Fri. 7-4:30

ABSOLUTE PUBLIC AUCTION

This land selling to the highest bidder.
37½ acres of good woodland.

SATURDAY, NOVEMBER 24, 1984
2:00 P.M.
Located along King Penn Rd./490.

Directions: Take Rt. 222 South of Quarryville, PA, to Noble Rd. to White Rock Rd. to King Penn Rd. Located in Little Britain Twp.

Real Estate consists of 37½ acres of woodland with 4 possible building lots. Approx. 750' road frontage, spring fed stream. Land has a partially built road bed. Very close to the Slumbering Quarryville Groundhog Lodge and the headquarters of the West Branch of Octoraro Lake. Ideal spot for a get-away vacation area or home life spot.

Terms: 10% Down. Balance within 30 days.

Auction for:
PEARL I. ROLLAND EST. & PARTNERS
717-665-4626

For complete land plot, Contact Auction Firm

Auction conducted by:
J. Omar Landis Auction Service
J.M. Witmin, AU-001127-L
Box 501, Ephrata, PA 17522
717-627-0789 or 665-5735

Attorney:
Carl Wiker

PUBLIC SALE

OF REAL ESTATE
SATURDAY, DECEMBER 1, 1984
at 10:00 A.M.

Location—
5 miles West of Huntingdon Pa., ½ mile north of U.S. Route 22, at the west end of Alexandria Pa. Close to the high tower at the Mead Plant.

All buildings are 2 or 3 bricks thick.

Colonial house, 4 bedrooms, 1½ baths, large open stairway. Wall to wall carpet, fireplace, hot water heat, 3 room summer house 18'x36', 2 car garage, new roofs & spouting, level ground, approx. 400 ft. river frontage, approx. 6 acres.

Tract No. 2 — Containing 800 ft. river frontage.

Inspection Nov. 22, 23, 24, 25, 30 1984 at 12:00 till 3:00 P.M. For more information 717-597-3971.

Terms: 10% down day of sale. Settlement Dec. 22, 1984 or before.

Property located 15 minutes from Raystown Dam.

PERSONAL PROPERTY—

Bedroom suite, dining room, 5 old dove tail dressers & chest of drawers, (some with mirrors), 2 sets of 6 old oak chairs, 4 maple chairs, chestnut ext. table and 4 boards, (good condition), round table, 6 large old chests, 2 decorated (one signed Donald Allen, dated 1891), old kitchen cook stove, large old slate top pool table, (needs repairing), bed springs & mattress, old drying trays, fish aquarium, baskets, peacock feathers, old kerosene lights, vases, lanterns, bottles, jugs, old wooden toys, old records, slaw cutter, tub & stomper, butter churn and stand, sausage stuffer, meat grinder, meat hooks, agget ware, tin ware, cradle, wringer type Maytag washer in good cond., old 8 leg table, 2,000 bricks.

DISHES—

Approx. 20 bowls, Germany, Barvarian, R.S. Prussia, RARE Mellon Box Plate, (R.S. Prussia).

CARNIVAL GLASS—

New Carnival - 4 Robin water sets, white, blue, gree, red, 2 Gone With the Wind lights, vases, odd dishes, souvenir pieces.

Old Carnival - Approx. 75 pieces, 7 piece purple Grape & Cable water set, Grape & Cable punch bowl, base and 12 cups marked N. (Purple), blue peacock at urn compote, pair white car vases, 2 covered butter dishes, covered sugar & spooner, (marigold).

TUMBLERS—

6 Water Lily, 6 Butterfly & Berry, 20 odd tumblers, marigold and dark, 6 Memphis punch cups and other cups, other pieces.

COINS—

46 old silver coins, 16 silver dollars, 12 half dollars, 18 quarters, old foreign pennies, half pennies, two cent pieces, dates 1852- 54- 56- 59- 63- 65; others dated to 1964.

Coins & Real Estate sold approx. 12:00 Noon.

Property a fine old house in good condition. Being sold due to death of owner.

Auctioneers: Wishard, AUL0010-29L
Claycomb, AU00015L

MAILBOX MARKET

For Sale - Versatile 145 4 WD tractor, 200 h.p. Cummings diesel, 3 pt. w/quick attach., excellent condition. Crawford Co. 814-967-3223

Wanted - Cast Fire Box Liners for Lexington Kalamazoo Range, made in late 1940's. 301-678-6662. Washington, MD.

Wanted - Bakery equipment, mixer, racks, sheeter, pie crust machine or what have you. Joe McCool, Franklinville, NJ, Salem Co. 609-694-3448.

For Sale - JD 40 Bulldozer in excellent condition. $2,700. 717-563-2913 Lacka. Co.

For Sale - 7' Case sickle mower, Trail behind, good condition. Extra knives included. $160. after 9 p.m. 814-355-4130 Centre Co.

For Sale - 150 Patz bunkfeeder drive unit; Int. 16 harvester w/1 row and hay pickup heads. Franklin Co. 717-328-9266.

For Sale - MF 750 combine, Perkins diesel hydrostatic. 13' grain table aluminum reel. Straw spreader. Evenings 215-756-6077 Lehigh Co.

For Sale - Like new snoway, 4 way elec/hydr. snow plow, w/lights. Fits Datsun/Toyota 4 WD $950. Berks 215-372-0405

For Sale - 5 Suffolk Ewes. After 5:30 p.m. Berks Co. 215-856-7167

Beautiful Ted Flowers Silver Parade Outfit. Also, wanted to buy 2-horse trailor and hitch wagon. 814-445-6358

For Sale - 2 yr. old Proven Purebred Targhee Ram. Producer of twins and triplets. $140. Chester Co. 215-255-4630.

For Sale - 4 yr. old standard bred mare with lots of snap. 215-445-5832.

For Sale - JD front end weights (2510 thru 4320) IHC heat houser (complete). After 6 p.m. 215-285-6951 Lehigh Co.

For Sale - 14' and 24' truck beds, steel frame. $100., $150.; 14' and 16' storage bodies $200. Berks Co. 215-286-5311

For Sale - 1969 Chevy 1-ton truck, long wheel base, excellent condition, inspected. Evenings 301-635-6740 Carroll Co.

For Sale - 20 Titan tractor, mint cond. $4500.; Also Rye Seed; 717-354-9939 Lanc. Co., PA

For Sale - Model 617A Warm Morning Stove, like new. $195.; Jacob S. Beiler, 132A N. New Holland Rd., Gordonville, Pa. 17529

Sale Reports

A Public Sale of real estate was held November 9 by S. Earl Blank and Florence E. Blank, 1 mile west of Christiana, Lanc. Co., Pa.

The 107 acre property was sold for $280,000 to David Zook, R.D. 1, Christiana, Pa. It included a 2½ story stone house, frame bank barn, milk house, corn crib, implement shed and 3 car garage w/chicken house above.

Leon D. Kurtz was the auctioneer.

XXX

The 1984 Peidmont Invitational Club Calf Sale was held November 10 at the Frederick Fairgrounds, Frederick, Maryland. A large crowd attended the sale.

One of the top animals was consigned by R.C. Bennett & Sons, a Chianina-Angus cross, and was sold for $1000. The 13 head that they consigned sold for an average of $750.

Another Limousin-Hereford-Chianina cross consigned by Bill Ferrill was also sold for $1000. The entire 40 head on the sale averaged $596.

Ollie Bennett was the auctioneer.

A Public Auction of real estate was held November 10 by Francis Cummings, Mr. & Mrs. Ammon Harris and Olympia (Alice) Cummings along Route 147 just north of Millersburg, Dauphin Co., Pa.

The approximately 54 acres with a 2½ story frame dwelling was sold for $65,500. The #2 parcel consists of approximately 31 acres and was sold for $16,000.

Mervin W. Adams Auction Sale Service conducted the sale.

XXX

A Public Sale of antiques and household items was held November 7 by Mrs. Martin (Dorothy) Meyers at the West Pennsboro Twp. Fire Hall, Plainfield, Pa. or 5 miles west of Carlisle.

Some prices were: copper apple butter kettle $312, banjo $75, mandolin $46, Craftsman table saw $55, planer-jointer $95, child's cradle $52.50, egg crate $26, Roy Rogers clock $20, cow bell $10 and carnival glass pitcher $42.50.

Art Rife and Keith Bartles were the auctioneers.

RED ROSE DELIVERS

METAL PRODUCTS & BUILDING SUPPLIES

DISTRIBUTOR
For former Kaiser weatherstrong roofing and siding now rolled by McElroy Metal Mill.

DIAMOND EMBOSSED
And Available In Brown, Sunset Gold, Meadow Green, Ranch Red, White and Buckskin Tan.

Roofing & Siding	10'	12'	14'	16'
Painted Aluminum	$19.63	$23.56	$27.48	$31.41

Roofing	13'6"	15'7"	18'9"	21'9"
Diamond Embossed	$22.51	$25.98	$31.26	$36.27

- Prices Subject To Change Without Notice
- Delivery Available At Extra Charge

Full Line of Accessories Also Available

Treated Timbers	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'
4x6	$9.33	$12.32	$13.88	$17.26	$18.70					
6x6			$20.74	$24.30	$30.17	$33.90	$40.85	$47.55	$75.34	$80.00

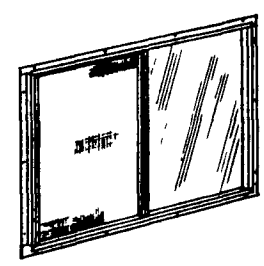
CANNONBALL

Complete Line of Cannonball Sliding Door Systems!

#10 $159.68

#40 $180.73

PRE-HUNG SERVICE DOORS
Turn Upside down, Turn Inside Out, All Out Of The Same Box...
ONE DOOR DOES THE WHOLE JOB!



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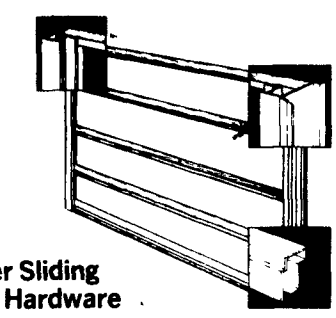
Heavy Alum. Frame, Self Flashed J-Channel - Ready to Install
46"x27" $42.71 46"x40" $57.86



BIGG FRAME AND BIGG FRAME II SLIDING DOORS

Build Bigger & Stronger Sliding Doors! Plus... Track and Hardware Also Available.

RED ROSE BUILDING SUPPLY CO.
P.O. Box 56, Ephrata, Pa. 17522
Call Collect - 717-738-2401

Sale Reports

A Public Auction of farm machinery was held November 10 by Fred Little, 7 miles west of Millville, Pa. off Pa. Rt. 442.

Some prices were: I.H. 806 D tractor $4750, I.H. 400 G tractor $2000, grinder-mixer $1650, Gilmore Tatge 500 bu. grain dryer $1600, auger grain elevator $190, 4500 bu. Moder storage bin $1000, 1200 bu. galv. grain bin $325, N.H. 271 baler $1020, Farmall 220 tractor $1475, corn planter $500, 2-way hydraulic cylinders $60 to $70 each, silo blower $485, drag harrow $100, 10 pc. mahogany French Provincial dining room suite $490 and upright freezer $280.

Wayne Arthur was the auctioneer.

XXX

A Public Sale of farm machinery was held November 10 by Mr. and Mrs. Ross Pickel, located along Route 124, ¼ mile north of Craley, York Co., Pa. There were about 400 people attending the sale.

Some prices included: Hesston 110 hay cutter $2950, Farmall 656 tractor $2850, Super A Farmall & equip. $3525, small 320 Watonna Mustang Skid tractor $3075, rubber-tired wagon $380, chisel plow $800, J.D. T24 baler $900, Gravity bin wagon $800, log splitter $750, and 6' Bush hog mower $310, 1961 Int. truck $2300.

Jacob A. Gilbert and Brian L. Gilbert were the auctioneers.

XXX

A Public Auction of real estate and antiques was held November 10 by Phares and Annie Zartman in the village of Durlach, Clay Twp., Lancaster Co., Pa.

The 2½ story frame dwelling and large cement block truck and car garage was sold for $39,000 to Clifford H. and Carolyn H. Nolt, R.D. 2, Ephrata, Pa.

Other items sold were: 3 pc. bedroom suite $340, blanket chest $190, small secretary desk $220, low drysink $400, brass bird cage $150, antique door $170, cookie cutter $70, basket $100, slaw cutter $200, Troy rototiller $400, $10 gold piece $470, $5 gold piece $350, turban half dollars from $55 to $110.

Auctioneers were Paul E. Martin and John D. Stauffer.

XXX

A Public Sale of shop equipment was held November 9 by Richard Thompson, along the Slab Rd., in Lower Chanceford Twp., York Co., Pa.

Some prices included: Farmall Cub tractor $2000, Lincoln 225 gas portable welder $975, 1980 Dodge Pickup truck $5800, Lincoln 250 electric welder $400, Logan #211 lathe $600, Walker-Turner drill press $300 and rollaround A frame for hoist $475.

Bob and Tom Sechrist were the auctioneers.

XXX

A Public Sale of antiques and collectibles was held November 7 by Elizabeth and Jean C. Wilson at the Brickerville Fire Hall along Hopeland Rd., Lanc. Co., Pa.

Some prices were: 12 pane corner cupboard $855, jelly cupboard $325, inlaid dropleaf table $210, 1913 $2½ gold piece $145, cross-stitched afghan $140, grained blanket chest $130, 2 milk glass chickens-On-Nest $77.50 & $62.50, small copper pail $55, blue & white pitcher & bowl $72.50, flow blue china bowl $60, flow blue plate $50, 3 Touraine flow blue bowls $37 each, flow blue cream & pitcher $60, flow blue plates $30 each and flow blue jar with lid $70.

T. Glenn Horst and Timothy G. Horst were the auctioneers.

XXX

A Public Auction of real estate was held November 10 by W.T. Eckles, 122 W. Main St., Belleville, Pa.

The large 2 story frame house on a nice lot with 2 complete apartments, 2 car garage and shop was sold for $30,000.

The country cottage on a 150x250 ft. lot with a 2 car garage was sold for $18,000.

Mark Glick was the auctioneer.

XXX

The Coldsprings Farms Annual Production Sale was held November 12 by Marlin Hoff at the Frederick Fairgrounds, Frederick, Maryland. A successful sale was held before a large crowd following a Bar-B-Q.

There were 75 head of registered Holsteins sold which included 6 bulls and the average was $1560.

The top classified "good" cow was sold for $6000, the 2nd high was $3500 and the 3rd high was $3400. Others were sold for $3100 and two at $3000.

Sale manager was Remsburg Sale Service.

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

NOVEMBER

SAT. NOV. 17 - 9:30 AM Public Auction of Line & Construction Equipment & Vehicles. Located in Allentown, PA at the PA Power & Light, cnr. of Union Blvd. & Plymouth St. Vilsmeier Auction Co., Inc., Auctioneers.

SAT. NOV. 17 - 6:30 PM Public Auction on Simmental Cattle. Located at the Frederick, MD Fair Grounds. Bud & Donna Gosness, H.L. & Kathy Hosford & David Butts, Owners. Bob Mullendore, Auctioneer.

SAT. NOV. 17 - 11 AM Public Auction of the Wintacre Holstein Sale. Selling 94 Registered Holsteins. Located 2 miles east of Sudlersville in Queen Anne's Co., MD. From US 301 turn east on Rt. 300 and go through Sudlersville. Farm is 2 miles on the right. William L. Winterstein, Owner. Remsburg Sale Service, Auctioneers.

SAT. NOV. 17 - 10 AM Public Auction of Tractors, Trucks, Combine, Farm and Irrigation Equipment. Located ¾ mile from Preston, MD on Blacklanding Rd. Turn off Main St. by Lutheran Church. Harry Rieck, Jr., Owner. A. Curtis Andrew Auction, Inc., Curtis Andrew & Mike Roe, Auctioneers.

SAT. NOV. 17 - 10 AM Public Auction of Late Model Fabricating Machinery & Steel Inventory. Located on Road No. 1 Industrial Road, Milton Industrial Park, Milton, PA. Schuld Manufacturing Co., Inc., Owners. Stephen L. Winternitz, Inc., Auctioneers.

SAT. NOV. 17 - 10 AM Public Auction of Farm Machinery. Located 7 miles northwest of Lewisburg. Take Rt. 192 west from Lewisburg to Buffalo Cross Roads, turn north on Johnsons Mill Rd., thru Mazeppa, on Spruce Run Road to Twin Bridges. Mr. & Mrs. Paul Longenecker, Owner. Wayne M. Hess, Auctioneer.

SAT. NOV. 17 - 9 AM Public Auction of Antiques, Personal Property and Farm Equipment. Located taking Rt. 625 to Village of Bowmansville in Bowmansville turn west onto Maple Grove Rd. Go approx. 1 mile to property on right. Vesta Renninger, Renninger's Hardware, Inc., Owner. Randal V. Kline, Lloyd Kreider & Roy Good, Jr., Auctioneers.

SAT. NOV. 17 - 9 AM Public Auction Liquidation Sale of Household, D&L Store Contents and L&R Garage. Located from Rt. 35 between Mifflintown and McAlisterville, PA. Larry & Dolly Bowersox, Owners. AAAuction Co., Inc., Col. W. Joe Dobozynski, Auctioneer.

SAT. NOV. 17 - 2 PM Public Auction of Valuable Farm and Woodland. Located between Churchtown and Morgantown, turn off Rt. 23 one mile east of Churchtown on north California Rd. 2 miles to Hammertown Rd., turn right, 1st lane on right. Mary Gehman, Ethel Shirk & Harry Haas, Administrators for the Benjamin H. Haas Estate. Robert E. & Jeffrey R. Martin & Frank L. Steller, Auctioneers.

SAT. NOV. 17 - 9 AM Public Auction of Truck Crane, Truck, Trailer, Buildings, Tools, Office Furnishings & Construction Supplies. Located taking US Business Rt. 15 (Old Harrisburg Rd.) 6 miles north of Gettysburg, PA. Turn left onto Stone Jug Rd., continue ½ mile, turn right to sale site. Wayne R. Van Dyke Estate. Susan Van Dyke, Owner. C. David Redding, Auctioneer.

FARMERSVILLE AUCTION

TUESDAY, NOVEMBER 20, 1984

4:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

5 Pc. walnut bedroom suite; 2 refrigerators; oak ext. table w/5 boards; Empire bureau, Suburban coal heater, students desk; rugs; picnic table; Rattan chairs; oak washstand; dishes; small items; etc, etc.

This is only a brief list!

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

Auctioneer Lester Weaver
AU-982-L

PUBLIC SALE

REAL ESTATE & PERSONAL PROPERTY

SAT., DECEMBER 8, 1984

10 o'clock A.M.

Located along Silver Spring Road, 2 miles South of Buck (Rt. 272), turn West at Longs Exxon Station, travel West about 2 miles, adjacent to Muddy Run Project, Drumore Twp., Lanc. Co., PA.

Real Estate consists of all that certain tract of land containing 23.76 acres more or less erected there on 2½ story stone & frame dwelling approximately 200 years old containing 7 rooms & bath, spring & well water, electric & other conveniences. Also erected there on 2 small sheds. Real Estate may be inspected Sat., Nov. 24th & Sat., Dec. 1st between 11 A.M. & 3 P.M. or by appointment Phone 717-284-4669.

Real Estate will be offered for sale at 1 P.M.

Personal property consists of 2 pc. living room suite, walnut bureau, old chests, tables, small stands, small book stand, telephone stand, magazine stands, high chair, 2 old trunks, 3/4 bed, single bed, baby crib, box springs & mattresses, cedar wardrobe, metal wardrobe, bedding & linens, mirrors, table lamps, oil lamps, picture & picture frames, 12x15 piece carpet, RCA television (B&W), portable radio, Airway cleaner, 6 dinette chairs, small metal kitchen cabinet, old glass & china, Carnival Glass, old ink well, cooking utensils, cuckoo clock, flat irons, 2 electric heaters, 3 oil space heaters, Frigidaire stove, Frigidaire refrigerator, Whirlpool Upright freezer, Maytag wringer washer, wash tubs, fernery, 2 churns, old crocks, stone jugs, glass jars, garden hose, garden tools, shop tools, copper wash boiler, old sausage stuffer, 3 iron kettles & 3 feet, lawn furniture, 24 ft. alum. ext. ladder, 28 ft. wooden ext. ladder, 2 push mowers, 10 HP Wheel Horse 42" riding mower, Remington 12 gauge pump gun, Remington double barrel shot gun, 22 Savage rifle and many other articles.

Personal Property 10 A.M.
& Real Estate 1 P.M.

No outside checks

SALE BY
ESTELLA K. HUSS

Harry B. Yost, Att'y
Kersey A. Bradley, Auct. AU-000090-L

Lunch available

PUBLIC AUCTION

TRUCKS - SHOP TOOLS
GARDEN TRACTORS - HARDWARE

SATURDAY, NOV. 24, 1984

9:00 A.M.

GREAT MEADOWS, N.J.

Michael Ozyjowski Truck Farms, Alphano Road, Great Meadows, N.J. Farm located 4 miles north of Great Meadows off Route 46 and along Alphano Road. Auction arrows posted off Route 46.

SELLING SAT. NOV. 24: 1969 Dodge D-700 w/18' refrigerated body (gas w/electric stand by); 1979 Dodge 150 Power Wagon 4WD w/snow plow; 1977 Dodge 200 Tradesman van w/auto trans; 1967 Dodge 4WD w/10' steel body; (3) Planet Jr. garden tractors; Fairbanks-Morse platform scale (new); electric gas pump.

TOOLS: Lincoln 300 amp. welder; air compressor w/3 hp. Briggs engine; Associated 6-12 volt battery charger; Viking spark plug cleaner; Dake 1½B arbor press; Sears power metal band saw; McCulloch 24" chain saw; Milwaukee Sawzall saw; power wet stone; Lincoln portable grease outfit; C-P air impact tool; other air tools; Dayton and IR portable disc grinders; 4 ton porta-power; body shop hand tools; (2) 1 ton chain blocks; anvil w/stand; bench vise; Milwaukee 90° angle ½" electric drill; ¼", 3/8" and ½" drills; pipe wrenches; pipe bender; wire cable puller; spanner wrenches up to 3"; lathe parts and bits; taps and dies; wheel and gear pullers; C-clamps; steel welding table; assorted carpenter's and mechanics's hand tools; drill and auger bits, etc.

OLD ITEMS: Some Model T parts, radiators, rims, gas tank, etc.; 1 man cross cut saw; (2) buck saws; old hay knife; wooden rakes; ice tongs; 4 pitcher pumps; large assortment of garden hand tools, rakes, forks, shovels, post hole digger; Planet Jr. hand garden cultivators; large assortment of new nuts, bolts, cap screws, allen screws.

MISC.: 30 coils of #35, #40, #50, #60 and #80 roller chain; cases of glass; flat and angle iron; industrial steel tubing; round stock; new and used lumber; (40) 7' cold frame sash; wooden 30'x60' green house frame; steel shelving. Plus many unlisted items.

TERMS: Cash or approved check.

MICHAEL OZYJOWSKI
(201) 852-6037
COL. JOHN P. KACHMAR, CAI
AUCTIONEER
Flemington, N.J. (201) 782-4271

3 AUCTIONS

NOVEMBER 16 NOVEMBER 21 NOVEMBER 24

TWO CATTLE AUCTIONS TO BE HELD AT THE SAME LOCATION - ONE WEEK APART.

Moved to Agawam Farms, South Montrose, Pa. on Elk Lake, Susquehanna County. Elk Lake is between Rt. 706 at Lawton and Rt. 29 at South Montrose. Exit #1 off I-81 coming South or Exit #67 off I-81 coming North. Follow yellow auction arrows.

514 HOLSTEINS (A FEW COLORED)

FRIDAY, NOV. 16, 1984
11:00 A.M.
245 HOLSTEINS
175 MATURE COWS
70 YEARLINGS & STARTED CALVES
2 BULLS

This is a real good set of cows, really producing, young, big and have condition. Many just fresh, many fresh in last 30 to 60 days. A lot of cows bred back. Many yet to freshen soon. Some really fancy outstanding individuals. All cows can be tie stall or parlor milked.

SAT., NOV. 24, 1984
11:00 A.M.
269 HOLSTEINS
175 MATURE COWS
60 BRED HEIFERS
34 YEARLINGS AND CALVES

A young type 53 cow group here. Also 95 cows in another group, a little thin, all these in all stages. Many fresh, selling in this sale. Also about 30 handling springing cows and 60 bred heifers. Some colored cows in both sales. Lots of potential.

All cattle eligible for inter-state shipment, vet examined and necessary shots.

MACHINERY
(11 Tractors)

WEDNESDAY, NOVEMBER 21, 11:00 P.M.

At Mansfield, Pa. Tioga County near Jct. Rts. 660 and 6,
Follow Yellow Auction Arrows.

Steiger #280 Cougar Tractor, 605 hrs., duals all around, real sharp; Ford 9700 Diesel dual power w/ cab; Ford 8700 Diesel dual power; (3) Ford 5000's; Ford CL-40 Skid Steer Loader; JD 3020 Diesel (needs engine overhaul); JD 70; Farmall M; MF #180; MF #65; Martin Manure Spreader, NH Tank Spreader; JD 660 Tandem Axle Manure Spreader; IH 550 Manure Spreader; Sunflower 24' chisel plow, like new; NH Grinder-Mixer; JD #510 round baler; (2) steel rack bale wagons; (3) NH running gears; (2) Lamco Fg. Boxes; IH 105 Fg. box; (2) IH 110 Fg. Box; Dion 12 ton tandem axle Fg. Box; NH 469 Haybine; NH and NI 30' Elevators; Hesston 2000-150 2 row chopper w/pickup heads; Kalhoun" Fertilizer Spreader, tandem; IH 510 Grain Drill, very good; IH Cyclo 2 4 and 6 row corn planters; IH #710 auto. reset 5B plows; Gehl Hi-Throw blower; JD & IH transport Harrows; NH Rake.

Terms - Cash or approved check.

Owner,
HEADWATER PRODUCTION CREDIT ASSOC.
of Wellsboro, Pa.

Jim Adriance, Auctioneer, AU-41L
Montrose, Pa. 717-278-1574

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

SAT. NOV. 17 - 10 AM Public Auction of Travel Trailer, Farm Machinery, Industrial Engine. Located at 1858 Fish & Game Road, Littlestown, PA. Take Rt. 194 south from Littlestown, PA approx. 1 mile and then turn right onto Rish and Game Rd. and go approx. ½ mile to sale. John E. Matthews, Owner. Dennis J. Plumkert, Auctioneer.

SAT. NOV. 17 - 10 AM Public Auction of Antiques. Located along Rt. 340 approx. 1 mile east of blinker light at Compass, PA west of Wagontown in West Caln Twp. at an old farm house. Lester B. Rhoads, Executor for the Laura M. Myers Estate. Ira Stoltzfus & Son, Auctioneers.

SAT. NOV. 17 - 1 PM Public Auction of a 2 Story Colonial House. Located at the corner of Pearce and Whitworth Sts., Heather Heights, Chestertown, MD. Harry Rudnick & Sons, Inc., Auctioneers.

SAT. NOV. 17 - 10 AM Public Auction of Antique Tools, Wood & Metal Working Machinery, Mechanics & Blacksmiths Tools. Arden Forge Tool & Machinery Consignment Auction. Kelly Boswell & Pete Renzetti, Owners. J.M. Boswell, Auctioneer.

SAT. NOV. 17 - 10 AM Public Auction of Tractors, Trucks and Equipment. Located southwest of Chambersburg, PA, from Rt. 81 at Wayne Ave. Exit No. 5, take Rt. 316 west, cross railroad bridge, turn left on Derbyshire St. to Rt. 11, turn left, cross railroad, turn west on Industrial Dr., go to dead-end and turn left to farm, watch for sign on Rt. 11 at Ind. Dr. Cashell Farms, Owners. Ralph W. Horst, Auctioneers.

SAT. NOV. 17 - 10 AM Public Auction of 70 Ac. Farm plus 11 Ac Tract, Farm Machinery, Trucks, Butcher Equipment, Tools, Antiques and Household. Located in Juniata Co., 8 miles south of Port Royal. Sale sign 6 miles south of Port Royal along Rt. 75. Harry H. Lyter Estate. Holmes H. Lyter, Admn. Long's Auction Service, Auctioneers.

SAT. NOV. 17 - 12:30 PM. Public Auction of the Wolf Valley Farm Registered Guernsey Dispersal Sale. Located at the Cortland Sales Pavilion on Rt. 41, just off Interstate 81 toward McGraw. A.V. Zogg, Jr., Auctioneer.

SAT. NOV. 17 - 9 AM Public Auction of Tractors, Farm Machinery, Irrigation Equipment and Tools. Located at the Michael Ozyjowski Truck Farms, Alphano Road, Great Meadows, NJ. 4 miles north of Great Meadows off Rt. 46 and along Alphano Rd. Auction arrows posted at intersection of Rt. 46 and Alphano Rd. Coming from PA on Rt. 80, take exit 19. Michael Ozyjowski, Owner. Kachmar Auction Service, Auctioneers.

SAT. NOV. 17 - 9 AM Public Auction Dispersal Sale of Garage Equipment and Tools. Located at Arts Repair Shop, 34 E. Main St., Columbus, NJ. Lee Parker, Auctioneer.

SAT. NOV. 17 - 10 AM Public Auction of Farm Machinery. Located at the fairgrounds, Troy, PA. Robert M. Shaylor Sales, Auctioneers.

SAT. NOV. 17 - 10 AM Public Auction of A Coin Sale. Located on Furnace Rd., Middleburg, PA. Held at Penns Creek Fire Hall, Penns Creek, on Rt. 104 between Mifflinburg and Middleburg, PA. Robert D. Trimpey, Owner. Earl W. Eash, Auctioneer. Bill Mattern, App. Auctioneer

SAT. NOV. 17 - 12 Noon Public Auction Consignment Sale of 76 Registered & Hi Grade Holsteins. Located at the Gordon Wood Farm at the junction of Rt. 6 and 660 by Y drive in theater, 6 miles from Mansfield, 4 miles from Welsboro, PA. Gordon Wood, Sales Manager

PUBLIC SALE

FRIDAY, NOV. 30, 1984
1 P.M.

REAL ESTATE

Located in Strasburg twp. Lancaster Co. Pa. 3 mile south of Strasburg from Rt. 896 go south on May Post Office Rd. to Weaver Rd. right to 1st Rd. left.

50 ACRE DAIRY FARM

36 comfort stalls large box stall horse stalls, 14x60 silo, manure pit, tobacco shed, 2½ story house 4' bedroom w/upstairs and bath. This place is ready to move in and roll.

10% down sale day final settlement April 1st 1985

Owners

AARON S. & RACHAL S. FISHER

Auct. Steve Petersheim
AU 001349-L
717-786-4624

Fishers are relocating to bigger operation

PUBLIC AUCTION

MONDAY, NOV. 19, 1984
5:00 P.M.
REAL ESTATE-LUMBER, TOOLS SHEEP

Located Lancaster Co. PA 2½ mile South East of Strasburg from Rt. 896 go South at Jet of 896 and Paradise lane, to resevior Rd. 1st place.

REAL ESTATE 6 P.M.

2½ story house 3 bedrooms full bath upstairs. Kit., Din., Liv. Rooms, laundry 1st floor, 2 story barn 36x50 block.

10% down Sale day final settlement 30 days.

PERSONAL PROPERTY

Windows - doors, Bi fold doors & jams, cable hoist 285 gallon fuel tank with pump, trailer with cap. 1 horse sleigh, 8 & 12 inch block, wall paper table & tools, H. dutz fence stretcher, Pole jacks metal scaffolding iron kettle sewing machine like new. Singler machine, few hand tools.

Small items not listed.

Owners
STEPHEN & LYDIA STOLTZFUS
Auct. Steve Petersheim
AU-001349-L
786-4624

PUBLIC AUCTION

VALUABLE FARM EQUIPMENT, ANTIQUES & HOME FURNISHINGS
SATURDAY, NOV. 24, 1984
9:30 A.M.

Located approximately 2 miles north of Lititz, Lancaster County, Pa. known as 1140 Brunnerville Road.

Farm items to be offered first, and consists of the following well maintained items: IHC 686 diesel with 1200 hrs.; IHC 93 combine; Farmall Super C tractor & cultivator; fast hitch sub-soiler; utility box; scraper blade; loader to fit Super C; 11x38 chains, 10x38 chains; IHC 990 mower conditioner; 510 grain drill; 540 manure spreader 185 bu.; 450 3 bottom 16" plow; 1 PR cornpicker; 251 fast hitch 2 row cornplanter; mdl. 37 baler; 7' fast hitch mower; Grimm fluffer; 2 rubber tire wagons; Mohawk modl. 55 7 tooth chisel; Oliver 251 transport disc; Oliver wagon & Kilbros bin; New Holland wagon & Kilbros bin; 24' New Holland elevator; Little Giant corn drag; 275 gallon fuel tank with pump; Brady field chopper 115-230 PTO generator; PTO wire winder; IHC rake; Brillion 10' mulcher harrow; tobacco hoer for C; extension ladder. Bull dog elec. fencer, used tires, milk cans some flop handles, strainers, roll page wire fence, scorer, 2 horse plow, PTO seeder, elec. motors, 4 hyd. cylinders, sleigh, also the following antique & household items: dinner bell, high dry sink, early blanket chest, 2 cottage dressers, wooden rake, oak bed, wash stand, bureau, clothes tree, desk, apple butter stirrer, large iron kettle, coal bucket, copper wash boiler, Majestic kitchen range, round extension table, lanterns, berry boxes, misc., books, jars, crocks, jugs, bench, drying rack, high chair, 3 gal. elec. butter churn, corn dryer, glass butter churn, 12 ga. shotgun single BBL, 22 SS rifle, single iron bed, 4 qt. elec. ice cream freezer, crib, wicker fernery, 30" Frigidaire Elec. Stove, IHC Refrigerator, Westinghouse automatic washer, Norge electric dryer, also numerous items of value not listed.

Auction for Owners
ELAM B. SNYDER & VERNA MAE SNYDER

Food on the premises
Middle Creek Church of the Brethren

E. M. Murry Associates
287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626 5244 626 2636
Richard Murry 626 8175 949 2280
Ken Miller 665 2073
Professional Auctioneers
Appraisers and Advisors
Since 1953

AU 00648 L

PUBLIC AUCTION

THURSDAY, NOV. 22, 1984
at 9:30 A.M.

Elm Street, VALLEY VIEW, Pa.; turn off Rt. 25 onto Broad Street, go 2 Blocks South to Elm Street (watch for auction sign the day of sale)

FARM EQUIPMENT

Including: Farmall 200 Tractor w/Fast Hitch; Cultivator; 2-Bottom Plow; New Holland 65 Baler; 5' Rotary Cutter; 2-Row Corn Planter; Int. 7' Sickle Mower; Bale and Grain Elevator; Single-row Traction Drive Potato Digger; PTO Seeder; Lincoln 180 Welder; 1-Hole Corn Sheller; Weed Sprayer Pump; Egg Baskets; Shovels; Forks; etc.

1976 SCAMPER POP-UP TANDEM-AXLE TRAVEL TRAILER, Sleeps 8 with Roll-out Awning, Furnace, Refrigerator, Oven & Broiler.

CONTINENTAL SINGLE-AXLE TRAVEL TRAILER

Metal & Wooden 14' Boats; Western Saddle; Batavia 12 Ga. Double Barrel

HOUSEHOLD FURNISHINGS, ANTIQUES & COLLECTIBLES including: 4-Pc. & 5-Pc. Waterfall Bedroom Suites; Cedar Wardrobe; Dinette Set; Metal Beds; Crib; Highchair, etc.; Whirlpool Air Conditioner; Modern Corner Cupboard; Lamps; Dishes; Cooking Utensils; Toboggan; Sleds; (5) Aquarium Tanks, etc. OAK WASHSTAND; (2) Oak Rockers; Oak Sideboard; Dry Sink; Kitchen Cabinet; Arrow-back Plank Rocker; School Desk; Treadle Sewing Machine; picture Frames; Tubs; Crocks; Copper Canteen; Kerosene Light; R.R. Lantern; Butter Bowl; Grain Cradle; Structo Sand Loader, Steam Shovel and other Metal Toys; Comic Books; many other items not listed.

FARM EQUIPMENT WILL BE SOLD FIRST, come early not many small farm related items.

LEON H. SCHWALM, Owner
Mike, Auctioneer AU-1599-L
George, Realtor & Auctioneer
AU209-L (717) 425-3313

DEIBERT

PUBLIC SALE

OF FARM MACHINERY, HOUSEHOLD GOODS & ANTIQUES
SATURDAY, DEC. 1, 1984
at 10:00 A.M.

Located one mile west of Christiana, Lanc. Co., PA on William Run Rd. From Christiana, take Broad St. 1 mile to second farm on right. From Gap, take Gap Smyrna Rd. approx. 2 miles to William Run Rd. Turn left to second farm on left.

FARM MACHINERY

Farmall H tractor, 2 row cultivator, snow blade, IH 7' sickle mower, saw buck, NH 467 Haybine, IH #56 4-row corn planter, IH 1-row corn picker, NH Haybine 69 baler, JD Van Brunt 13 disc grain drill, NI hay crusher, Grimm 7' PTO Tedder, JD 7' hayrake, IH 2-row corn planter, Case stalk shredder, 2 flat bed wagons w/2' sides, JD 2-bottom trailer plow, JD 8' disk, 8 disc offset disk, 8' steel roller, JD 12' 4-section harrow, 25' hay & grain elevator, NH #410 fertilizer 6T. stubble hay, spreader, tobacco hoes, cast iron seat, approx. 6T. ear corn, dung sled, 1 horse hand scoop wooden wheelbarrow, new rolls of woven wire, misc. lumber, firewood, locust posts, 2 hole corn sheller, bag wagon, 10x38 tractor chains, 1 bottom walking plow, 38' extension ladder, 280 gal. gas tank & pump, iron hand pump & tough, large watering trough, & many small tools.

HOUSEHOLD GOODS & BUTCHERING EQUIP.

Scalding trough, butcher bench, sausage stuffer, meat grinder, hog scrapers, gambling sticks, large copper kettle, copper wash boiler, iron kettle, wooden apple butter stirrer, 1, 3 & 5 gal. crocks, wooden pulleys, platform scales, wooden benches, oak high dresser, Waterfall chifforobe, Mahogany dressers, 6 press back chairs, oak rocking chair, oak captain chairs, lamps & picture frames, portable sewing machine, Maytag wringer washer, porch glider, glassware, cookware, & other misc. items.

Terms
S. EARL BLANK
FLORENCE E. BLANK

Auct.
Leon Kurtz 215-593-5387
AU-000522-L

Not Responsible for Accidents
Lunch Available

FARM SALE

WEDNESDAY, DECEMBER 5, 1984
11:00 A.M.

Located in Perry Co., ½ mile South of Landisburg, Pa., on road to Bridgeport, turn off road at cemetary (watch for sale signs):

REAL ESTATE

80 Acre Farm with 60 acres tillable, 12 acres of timber, 8 acres of pasture (Shermans Creek goes through this Property).

New 48x50 Block Barn with hay storage for app. 500 bales of hay.

30x94 Block Machinery Building & shop.

Good frame house with electricity - 3 bedrooms, full basement - Nice Condition.

A-Frame Cabin with electricity in very good shape.

2 Acres of established strawberry plants, 1500 established raspberry plants, 40 established apple trees.

"This property has potential for recreational use as well as farming value!"

Terms - 10% down; balance in 30 days.

LIVESTOCK & FEED

4 well-broke mules, 3 Yearling Holsteins Heifers, 1 Holstein Bull.

5 Set (almost new) Harness, single & double trees.

Approx. 25 Ton New Ear Corn.

Approx. 1500 Bales 1st & 2nd-cutting Hay.

FARM MACHINERY

N.H. Super 66 Baler with Motor; J.D. Hay Rake; Transplanter; J.D. KBA Disc; 3-section Harrow; Fertilizer Drill; Pea Sheller; Potato Plow with Motor; 2-Way Plow; Fore Truck; N.H. #9 Mower - 7 ft. cut; McCormick Deering 2-row Cornplanter with fertilizer attachments; 3 McCormick Cultivators; Potato Planter; Hydraulic Unit; Wagon built by Zook - Like New; MANY SMALL ITEMS!

Sale Order - Small Items, Machinery, Livestock, Real Estate.

Not Responsible for Accidents.
I.D. Required for Bidder's No.

AMOS M. FISHER, Owner
R.D.1, Landisburg, Pa.

Sale By: Kling's Auction Service
Landisburg, Pa. 789-3883
Lic. #AU-000500-L

AUCTION SERVICE KLING'S
R. D 1, Landisburg, PA 17040
tel 717-789-3883

****ASHLEY CLARK**

FARM AUCTION

FRI. NOV. 23, 11:00 A.M.

RUSHVILLE, (YATES CO.) NEW YORK

Sale at the farm on Rte. 247 app. 5 miles south of Rushville or 2 miles north of Potter.

Due to health, retiring from a lifetime of dairying, selling a clean and desireable line of machinery as follows:

A.C. 200 diesel, 1566 hrs.; A.C. 185 diesel, 1372 hrs.; A.C. 170 diesel, 4641 hrs.; A.C. 500 all hydraulic front loader; A.C. 710 (10 h.p.) garden tractor; Case 4-16 auto. reset, semi-mt. plow with spring coulters; A.C. 12 ft. transport disk; McConnell 12 ft. 3 pt. harrow; Dunham 12 ft. cultipacker; N.I. 217 manure spreader; Brady grinder mixer with hydraulic drive auger; A.C. 770 4-row corn planter with monitor; N.H. 880 chopper with 2-row corn and hay pick-up heads; N.H. 26 super lift blower; Badger 16 ft. silo unloader; 2 Cobey 3 beater s.u. wagons, one with roof; A.C. 2 beater s.u. wagon; A.C. 302 ejector baler; 2 kicker wagons; N.H. 469 haybine; A.C. p.t.o. rake; Smoker 30 ft. hay-grain elevator; N.I. trailer mower; A.C. 60 combine; Ontario hoe drill; M.M. 1-row picker; 2 older Patz gutter cleaners; dumping station with app. 100 ft. hose; 500 gal. Ice Bank bulk tank; 4 Hinman milkers; double s.s. wash vat.; Zero vacuum pump with 3 h.p. motor; few small items!

A nice little sale! Prior inspection invited! Terms: Cash or good check sale day. Proper I.D. required! Lunch available.

Owned by

MR. AND MRS. ASHLEY CLARK

716-554-6765

Auction conducted by

PIRRUNG AUCTIONEERS, INC.

Wayland, New York

716-728-2520

PUBLIC AUCTION

12 ACRE FARMETTE FARM MACHINERY; 1972, 12x64 MOBILE HOME ON 1 ACRE

SAT. DEC. 1, 1984

at 1 P.M.

Located in East Drumore Twp. take Rt. 272, 13 miles So. of Lancaster, at the Buck, turn East on Rt. 372, 1½ miles to farm OR from Quarryville go West 2½ miles on Rt. 372, Mobile Home is located on Hollow Rd. 1 block from the farm.

Property consists of 12 acres of land with 400 ft. road frontage. Lrg. 2½ story house, 11 rooms, 2 full baths, attic, basement, 3 wells, oil hot water heat, wood burner, some storm windows. Stone structure with stucco and frame, front and side porch. House could be used as a two family unit.

Steel structure barn, fixed to finish 100 fat hogs. Farrowing house, for 60 sows, pit underneath. 2 Calf barns hold 188 calves with 14,000 gal. manure tank. Block and frame garage is fixed for fat hogs.

JD 2020 tractor; 3 bottom plow; disc; cultipacker; single row cultivator; 2 row transplanter; 1 row potato planter; potato plow; 1 row potato digger; scraper blade; case mower; manure spreader; feed cart; 2 calf mixers; 2 stock waters; platform scales; David Bradley garden tractor; JD 110 riding mower.

1973 Dodge ¾ ton truck with cattle racks

TERMS BY

RICHARD BAYLIS

Selling at the same location is a 1972 Hillcrest by Skyline Mobile Home 12x64 with 1½ baths, 2 bedrooms, on a 1 acre lot. Well and septic system.

TERMS BY

ETHEL BAYLIS

Aucts. Note - 10% down day of sale, balance upon settlement. Open house Nov. 17 and 24 from 1 to 4 PM. Order of sale - 12 Acre Farmette, Mobile Home, Machinery, Truck. No out of state checks.

Not responsible for accidents.

Aucts. Lloyd Kreider,

AU000513L,

Randal Kline, Roy Good, Gary Shirk

Lunch

Kreider & Kline Auctioneers

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

PUBLIC SALE

OF 12.4 ACRES FARM EPHRATA TOWNSHIP

WED., NOV. 21, 1984

SALE TIME 2 P.M.

Located Along Brossman Road (Between Bethany Road & Diamond Station Rd.) Ephrata Township, Lancaster Co., Pa.

12.4 ACRES (M/L)

2½ STORY ALUMINUM SIDED DWELLING

containing 3 bedrooms, full bath on second floor. Kitchen with built-in cabinets, living room, dining room, ½ bath & laundry on first floor.

Coal fired stoker hot water heat. Well & pressure system. Cistern & pressure system.

Bank barn. 2 car frame garage. 2 story frame chicken house.

Containing 12.4 acres (M/L) 1065' ROAD FRONTAGE & 641' depth M/L.

Tillable & meadowland.

OPEN HOUSE – Saturday, Nov. 10 & Sat., Nov. 17 from 1 p.m. to 3 p.m. or for information or inspection call 733-8301.

TERMS BY:

NORA S. BURKHOLDER WEAVER

T. GLENN HORST, AUCT.

859-1331--AU-000438-L

TIMOTHY G. HORST, AUCT.

738-1245 -- AU-001767-L

MICHAEL KANE, ATTY.

"M.G. MENTZER'S SONS"

PUBLIC SALE

TOOLS-ADVERTISING ITEMS-ANTIQUES

EPHRATA, PA.

MON., NOVEMBER 19, 1984

AT 12 NOON

Located corner State & Locust Streets, Ephrata, Lancaster Co., Pa.

Copper Kettle; Oak Office Desk & Chairs; File Cabinets; Stools; Office Chairs & Tables; Antique Water Cooler; Hanging Light; Sofa; Upholstered Chair; Oak Telephones; Wooden Folding Chairs; Desk Top; Shelving; Chest; Leather Miner's Hat & Lights; Old Pictures & Frames; Old Army Uniforms; Floor Light; Picnic Tables; Cooler; Tent.

TOOLS

Coal Chute; Coal Bins; B & D 5/8" Drill; Planes; Hammers; Auger Bits; Curved & Straight Chisels; New Coal Shovels; Tin Shears; Wrenches; many Paint Brushes; Drawing Knife; Scythe & Blades; Pipe Cutters; many Burlap Coal Bags; 2 Man Saws; Old Locks; Nail Aprons; Hand Tools; Chains and Ropes; Baskets and Berry Boxes; Coal Tubs; Wood Wedges; many Bolts; Nails; Screws; Large & Small Bench Vises; Horse Collars; Harness; Single Trees; Buck Saw; Copper Screening; Roll Copper Flashing; Metal Agate Signs.

OLD LEHIGH COAL SIGNS (large and small); MENTZER'S COAL THERMOMETERS AND ADVERTISING ITEMS; Antique Paint Blocks; Electrical Fixtures & Parts; 1927 Coal Buyer Catalog; Old Calendars; Yard Sticks; Advertising Small Coal Shovels; Old Work Bench; Balance Scales; Fire Extinguishers; Load Fasteners; many Large and Small Jacks; Sprayers; Bag Wagon; Old Containers & Pumps.

Railroad & other Lanterns; Bolt Cutters; Wooden Barrels & Boxes; Ladder Jacks; Antique Truck Parts; many batteries; Truck Chains; Lots of Glass; Hardwood Flooring; 40' Wooden Extension Ladder; Large Pieces Canvas; Lawn Roller; Wire Fencing; Propane Tank; Garden Tools; Stone Hammer; Wooden Rake; Plumbing Items and many other items to be sold!

Terms By

JEAN E. MENTZER

"M.G. MENTZER'S SONS"

T. Glenn Horst, Auct.

859-1331-AU00438L

Timothy G. Horst, Auct.

738-1245-AU0001767L

ANTIQUE TOOL AUCTION

NOV. 24, 1984

10 AM --

Preview 8 AM

RIDGE FIRE CO.

RT. 23, SPRING CITY, PA.

BARRY HURCHALLA-AUCTIONEER

(215)323-9237

OUTSTANDING PUBLIC SALE

MANY PIECES OF FINE AND RARE TIGER MAPLE PLUS OTHER FINE ANTIQUES, HOUSEHOLD, TOOLS, ETC.

SATURDAY, DEC. 1, 1984

AT 9:00 AM SHARP!

Due to selling my home and moving from area, I will offer my collection of tiger maple and other antiques at Public Sale in the social hall of the McSherrystown Fire Hall located 2 miles West of Hanover along Route #116. in Adams County, PA.

TIGER (CURLY) MAPLE

Rare Slant Lid Secretary Writing Desk with Blind Dr; Nice Butlers Desk with back; Penbrook dropleaf Breakfast table; Schoolmasters Desk; Rare Wall Hanging cupboard; 2 Matched Side Chairs with upholstered seats; Arrowback chair; Candle stand; Childs Sheaf Fork; Shaker Funnel; Rolling Pins; Wood Planes plus other Tiger pieces.

OTHER ANTIQUES

VF Curly cherry, wild, 6-leg dropleaf table, 48" long with 21½ inch leaves; 2 Grandfathers clocks, 7'4" tall, perfect condition with broken arch crowns; 2-Piece softwood corner cupboard with blind doors; Softwood, white marble top, washstand with backboard; Curley cherry empire bureau; 2-Qt John Bell redware crock; Other crocks and jugs; Many pieces of fine woodware including: butter paddles, rolling pins, spatulas, stompers, planes, trenches, butter bowls, cheese maker, dated 1861, Noodle maker, sugar bucket; butter prints, pickle dipper, bag wagon and 5 coffee grinders with pewter or iron tops, Fisher or Hanover and Lewisberry; 12 Piece washbowl and pitcher set in white and gold, nice; Boston rocker; Nice doevtailed copper kettle; Brass & copper jelly buckets; Drysink; Original Gone-with-the-wind lamp with floral bowl & shade; 60 Pieces ironstone including blue wheat teapot & craemer; Enterprise 12" 2-wheel coffee grinder; 5 Steeple clocks including Seth Thomases with papers; Teardrop mantle clock; Many Picture frames including fruit pictures, Strawbridge & Co.; Salem 8-day brass ships clock; Glass stem oil lamps; Baskets; Tinware; Brass cuspidor; Foot Adz; Bone handle utensils; Processional sterling service for 12;

SNOWBLOWER, MOWERS, ETC.

Ariens 6HP 2-stage 24" snowblower, forward and reverse, perfect; 1100 Watt Generator; 2 Hahn-Eclipse self propelled lawn mowers, 19 & 21 inch; Metal rubber tired wheelbarrow; Mechanical, lawn and hand tools plus 100's of items too numerous to mention.

AUCTIONEERS NOTE: In many years of auctioneering this is the best quality and most pieces of tiger maple I have had the pleasure of offering at Public sale.

No inspection until day of sale.

TERMS: Cash, travelers or personal checks with prior approval. Out of state checks will be honered if known otherwise accompanied by letter of credit.

Lunch stand at sale

Owner

NEVIN M. CLINE

599 Beaver Creek Road

HANOVER, Pa. 17331

Phone: 717-632-7838

CLAIR R. SLAYBAUGH, Auctioneer

Idaville, PA License: 856L

inger. 91 acre Dairy & Poultry Farm. Located 1½ mi. north of Blainsport along Route 897, West Cocalico Twp., Lanc. County, PA. Auction conducted by Paul E. Martin & John D. Stauffer.

SAT. NOV. 17 - 9:30 AM Public Auction of Real Estate, Farm Machinery, Hay, Silo Unloades, Household Goods, Antiques, Corn Silage and Hand Tools. Located in Lancaster Co., PA., 1½ miles south of Gap on South Gap Rd. From Rt. 41 cross over new railroad bridge. Turn left, follow Gap Rd. After 1 mile, turn left on gravel road. Christian K. Lapp Estate. Naomi & Thomas C. Lapp, Executors. Steve Petersheim, Auctioneer.

SAT. NOV. 17 - 10:30 AM Public Auction of the Carriage House Bar. Selling Real Estate, Antiques, Collectibles, Farmall M Tractor, Household & Misc. Items. Located 6 miles east of Klingerstown, PA., 8 miles northwest of Hegins, 2 miles west of Franklin Square and Rt. 125, in the village of Hepler. Donna J. & William D. Zimmerman, & William Wehry, Owners. Dockey, Dockey & Deppen, Auctioneers.

SAT. NOVEMBER 17 - Large Public Sale at 9 AM. Located: 1 mile NW of Goldsboro, along Rt. 262 and 2 miles west of Three Mile Island, in York Co., PA. Farm Equip., Truck, Guns, Tools, Some Household. Curvin L. Snyder, Owner. Clair R. Slaybaugh, Auctioneer.

SAT. NOV. 17 - 9 AM Public Liquidation Auction of Country Store Inventory and Real Estate. Located along Rt. 25 in the village of Sacramento, Schuylkill Co., PA. Ruth Stehr, Owner. Mike & George Deibert, Auctioneers.

SAT. NOV. 17 - 3 PM Public Auction of the 1984 Southeast District 4-H/FFA Club Calf Sale. Located at New Holland Sales Stables, New Holland, PA. For information contact Cheryl A. Fairbairn, 215-696-3500 or Chet Hughes, 717-394-6851.

SAT. NOV. 17 - 9:30 AM Public Auction of a Collection of over 250 Clocks, Antique Furniture, Antiques, Collectibles, Dishes, Tractor, Equipment, Tools, Lumber, Gun & Household Goods. Located approx. 4 miles east of Elizabethville or 1 mile south of Lykens, along Rt. 209 in village of Big Run, Dauphin Co. Hiram H. Malick, Owner. David D. Deibler & Ed Shoop, Auctioneers.

SAT. NOV. 17 - 9 AM Cumberland Co., RD, Mechanicsburg, PA. Farm Mach. and Tool Auction. Mrs. John Enck, Owner. Kling's Auction Service.

SAT. NOV. 17 - 10 AM Public Auction of Tools, Equipment, Household Goods, Sporting Goods, Etc. Located near Martins Corner. From Rt. 340, take Creamery Rd., north to Martins Corner Rd., turn right to sale. Nelson K. & Diane L. Walter, Jr., Owners. Alvin Horning, Auctioneer. Horning Farm Agency, Inc.

SAT. NOV. 17 - 2 PM Public Auction of a 94½ Acre Lanc. Co. Farm. Located along Newport Rd., Lititz, PA. Take Rt 501 north of Lititz, PA. approx. 2 miles to Newport Rd. Turn west to farm. Levi F. Hertzog Estate. J Omar Landis Auction Service, Auctioneers.

SAT. NOV. 17 - 10 AM. Located along Rt. 222 about 3 miles south of Quarryville, East Drumore Twp., Lanc. Co., PA. (Just before Mechanics Grove; Watch for signs). Public Sale of Real Estate (2½ Story Brick House), fine furniture, fine antiques, household goods & guns. Sale by Charles Eckman Howard Shaub & Roy C Probst, Auctioneers.

MON. NOV 19 - 2 PM Public Auction of Valuable 73 Acre Tract Located in Lancaster Co. along Rt. 30 approx. 10 miles east of Lancaster or 1 mile east of Gap. Amos S. Stoltzfus & Partners, Owners. J. Omar Landis Auction Service, Jay M. Witman, Auctioneer.

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

MON. NOV. 19 - 5 PM Public Auction of 2½ story house & 2 story barn. Located 2½ miles SE of Strasburg, Lanc., Co. From Rt. 896, turn right on Iva Rd. to Resovoir Rd., first place. Stephen & Lidia Stoltzfus, Owners. Steve Petersheim, Auctioneer.

MON. NOV. 19 - 11 AM Public Auction of Registered and Identified Brown Swiss. Located at Beaver Creek Farm between Lewistown and Selinsgrove on Rt. 522, 2 miles west of Beaver Springs. Larry and Carol Fry, Owners. Modern Assoc., Auctioneers.

MON. NOV. 19 - 5 PM Public Auction of '77 Dodge 4WD pickup; trailer; general contractor's tools & equip.; office equip.; Cherry, Walnut, & Pine lumber; antiques. West of Allentown, PA. In the Fogelsville Auction Center Bldg., S. Nursery St., Fogelsville, PA (1 block W. of Shankweiler's Hotel). E-Z Erect Systems, Inc. Ralph W. Zettlemoyer Auction Co. Inc.

MON. NOV. 19 - 12 Noon Public Auction of Tools, Adv. Items, Antiques. Located at the corner of State and Locust Streets, Ephrata, PA., Lancaster Co. Jean E. Mentzer, Owner of M.G. Mentzer's Sons. T. Glenn & Timothy G. Horst, Auctioneers.

TUES. NOV. 20 - 4 PM Farmersville Auction in Farmersville, 3 mi. East of Brownstown, Lancaster County, PA.

TUES. NOV. 20 - 7 PM Public Auction of 35.25 Acres Woodland. Located in Clay Twp. at Lincoln Restaurant along Rt. 322 at 1634 W. Main St., Ephrata, PA. Mildred Walter, Owner. T. Glenn & Timothy G. Horst, Auctioneers.

TUES. NOV. 20 - 7 PM Public Auction State Graded Feeder Cattle Sale. Located at Amherst Livestock Market, Inc. Intersection of Rt. 29 and 151, Amherst, VA. For information contact Esthmus Carson, Jr. 804-946-7245 or 804-846-3280.

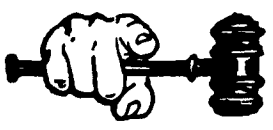
WED. NOV. 21 - 2 PM Public Auction of 12.4 Acres Farm. Located along Brossman Rd., between Bethany Rd. and Diamond Station Rd., Ephrata Twp., Lancaster Co., PA. Nora S. Burkholder Weaver, Owner. T. Glenn & Timothy G. Horst, Auctioneers.

WED. NOV. 21 - 11 AM Public Auction of Registered and Grade Holstein Milking Herd Dispersal Sale. Located from Rt. 74 north of York. Approx. 3 miles from Rt. 30 by-pass, to Nellie's Restaurant and Brooks Drug Store. Turn west, left, onto Davidsburg Rd., continue west 2½ miles to farm sign on right hand side, or ½ mile east of Village of Davidsburg. Paul Jacobs & Alma Stambaugh, Owners. Clair R. Slaybaugh, Auctioneer.

WED. NOV. 21 - 1 PM Public Auction of a 36 Acre Farm. Located at 624 Meetinghouse Rd., ¼ mile northeast of Rt. 113, northwest of Franconia Menn. Church, Franconia, PA. Ralph and Rhoda Detwiler, Owners Sanford A. Alderfer, Inc., Auctioneers.

WED. NOV 21 - 11 AM Public Auction of the SpringbankH Holstein Complete Dispersal Sale. 70 Head of Holsteins. Located at the farm between Mt. Zion and Lebanon in Lebanon Co., PA. From Harrisburg take I-81 north to I-78 east. Take Rt. 343 (Fredericksburg) Exit. Follow Rt. 343 toward Lebanon, and follow signs to Mt. Zion. Turn right on Mt. Zion Rd., go to orchard and turn left on E. Kircher Ave. Go to Grubb Ave. and turn left to first farm lane on right. Eugene Houser, Owner. Remsburg Sale Service, Auctioneers.

WED. NOV. 21 & SAT. NOV. 24 - 3 auctions, two cattle to be held at the same location one week apart. Moved to Agawam Farms, south Montrose, PA, on Elk Lake, Susq. Co. Elk Lake is between Rt. 706 at Lawton and Rt. 29 at South Montrose. Exit #1 off I-81 coming South or Exit #67 off I-81 coming North. Follow Yellow auction arrows. Machinery sale Wed., Nov. 21, at Mansfield, PA. Tioga Co. near Jct. Rts. 660 and 6. Sale by Headwaters Production Credit Assoc. of Wellsboro, PA. Jim Adriance, Auctioneer.



PUBLIC SALE

OF VALUABLE 108 ACRE FARM, more or less

SATURDAY, DEC. 15, 1984

At 2:00 P.M.

Location — Take Rt. 222 South through Wakefield, 2 miles South of Wakefield turn left on Little Britain Rd., turn right on Cedar Hill Rd., Fulton Twp., Lancaster Co., PA.

RANCH TYPE DWELLING

Concrete block with brick type siding, storm windows and doors. Kitchen with built-in cabinets, gas stove, dining and living rooms with knotty pine paneling, 3 bedrooms with wall to wall carpet, full bath, mud room, full basement with concrete floor, laundry, family room, full bath, shop, oil fired hot water heat, Ashley wood stove, electric water heater, 200 Amp underground service, new septic tank and drain field, 1000 gallon underground oil tank, 300 gallon underground gas tank, 150 gallon diesel tank.

40'x60' FRAME BANK BARN

with 75'x35' concrete block extension, storage above and manure storage beneath, 2 - 14x40 stave silos, 2 unloaders, concrete block milk house, 63 acres tillable in high state of cultivation, 30 acres pasture with 2 streams, 15 acres woodland, orchard with 36 fruit trees, new drilled well with pressure system, never fail spring.

10% down day of sale. Balance on or before March 1, 1985. Open for inspection November 24 and December 1 from 2:00 till 4:00 P.M. or appointment call 717-584-2078.

Terms by
ROBERT F. & ELISE M. ABBATO
Auctioneers:
Robert E. & Jeffrey R. Martin,
656-7770 AU-000580-L
Frank L. Steller
Samuel F. Musser, Atty.

PUBLIC AUCTION

WEDNESDAY. NOV. 21, 1984

10:30

FARM MACHINERY, TRUCKS FEW DISHES & ANTIQUES, FURNITURE GOODS, LUMBER

Located in Chester Co. ½ mile South of Kennett Square from Rt. 1 go south on Rt. 82 thru square go straight at High school onto Kaolin Rd. to stop sign turn left onto Marshal Bridge Rd. to South Ridge development turn left 1st drive right.

FARM EQUIPMENT ETC.

Massey Ferguson early model tractor red belly wide front with heavy duty loader fully Hydraulic control, good running cond. IH 479 haybine, NH 256 rake, NH 275 baler thrower sells separate, MF 3 ft. scraper blade, 3 ft. York rake, 2 Homelite chain saws XL 24 in. bar, solo chain 36 in. bar all in nice condition extra chain-bars etc, 2 Echo 1200 BE weed eaters, good cond., boom sprayer, off set sickle bar mower with engine, shovels, hoes, rakes, axes, 5 ft. hay cylinders new, new NH parts for haybine etc. grease guns, bales twine, tree cables, fencing, 2-275 gal. fuel tanks, log chains.

3 Caprice cars need work Caprice engine and stock transmission.

1957 Chevrolet stake body truck engine needs work, 1960 Ford pick up 4 wheel drive eng. needs work, 8-4-20 tires on rims, 2:8 ft. Pick up caps, 220 Electric welder, BSA 500 Motorcycle, Honda frame, 4 wheel utility cart, app. 12 cord fire wood, Hemlock 2x4, 5 locust posts, and boards, 4 oak slabs for tables cut, a lot of cherry & walnut dried lumber, furniture grade few dishes & antiques etc.

David going back to service makes sale necessary.

Owners
DAVID C. & SANDRA QUARLES
Auct. Steve Petersheim
AU001349L
786-4624

TROXELVILLE ANTIQUES

Announcing

TWO DAY ANTIQUE AUCTION

TO BE HELD AT TROXELVILLE ANTIQUES TROXELVILLE, PA.

FRIDAY, NOVEMBER 23 -

1:00 PM

20 YEAR PRIVATE COLLECTION

Various Sizes of Beautifully Blue Floral Decorated Crocks, Jugs, Handled Crocks, signed by E. Fowler, Beaver, Pa.; Cowden & Wilcox, Harrisburg, Pa.; E.S. & R., New Brighton, Pa.; Samuel Cooper, Pittsburgh, Pa.; W.M. Moyer, M & T Miller, Newport, Pa.; Sipe & Nickles Co., Williamsport, Pa.; and others. Various Shapes and Sizes Decorated Crockery; F.H. Cowden Blue Decorated Batter Jug; The Hanson & Van Winkel Co. Cheese Strainer (rare); Assorted Blue Stoneware Chamber, Pots, Salts, Butter with Blue Decorated Dutch Boy and Girl; Nice Assortment of Spongeware; Pitchers and Bowls; Spatterware, Mush Cup, Bowls, 6 Cups and Saucers, Pitcher; Adams Rose Plates, Cups and Saucers, Bowls, Meat Platters; Flou Blue Plates, Compotes, Teapot (rough), Tureen, Cups; R.S. Pursia China; German China; Austrian Teapot with 5 Cups; Gaudy Dutch Plates; Gaudy Dutch Ironstone Handleless Cup and Saucers and Pitcher; 3 Cleopatera Handleless Cup and Saucers; Butter Print; Copper Luster Pitcher; Assorted Collector Spoons; Fine Graniteware; Assorted Pottery Mixing Bowls; 2 Pink luster Handleless Cups; Floral Design Roseville Vase; Bristol Type Vase; Covered Tureen with Ladle and Tray; Shirley Temple Pitchers, Bowl; Bennington Platters, Pitcher; Rockingham Pitcher; Redware Crocks; Laughlin Man and Wife Art China Pitcher; Deer Chase Majelica Plate; 12 Wrenburg England Plates; Amber Carnival Basket; 3 Miniature Rose Satin lamps; Pink Satin Lamp; Asia Display China; Dog Statue; Cast Iron Deer Head, Rabbit and Bird Match Pouch; P.R.R. Lock and Key; Several Cast Iron Dogs, Cat, Rabbit and 8 Frog Door Stops; Coffee Grinder; J.W. Herman Advertisement Pieces; Spangler - Beaver Springs Calendar Plate; Early Venice Scene Plate; Large Alcock Tureen Base; Very Nice Dutch Cupboard with Glass Door; Very Nice Paneled Dutch Cupboard with 3 Drawers and 2 Doors; Dovetailed Drysink with 4 Drawers and 2 Doors; Original Finish Child's Plank Rocker; 4 Windsor Chairs. This is an unusual collection of fine signed floral crockery. Flou blue, spatter, spongeware and colorful china.

The day will be concluded by items from the Troxelville Antique Warehouse.

SATURDAY, NOVEMBER 24,

10:00 A.M.

Starting the day with Primitives such as Toys; Graniteware; Glassware; Hanging Domes; Dolls; 25 Quilts; Picture Frames; Framed Mirrors; Wood Boxes; Rockers; Washstands; Cribs; Blanket Chests; Deacon Benches; Drysinks; Corner Cupboards; Dropleaf and Farm Tables; Single and Double Drawer Stands; New Oriental Rugs, Etc.

ALSO SELLING FROM THE BIG FURNITURE BUILDING

Oak Bedroom Suites; Dressers; Washstands; Buffet, Side-by-Side; Slant Front Desks; Room and Cook Stoves; Plus Lots, Lots More.

TERMS: Cash, Travelers Checks, or Certified Checks. No out-of-state checks except those having an established account with owner or auctioneer.

OWNER:
JOE HERMAN
(717)658-7141

Earl Eash, Auctioneer,
#AU00244L
Bill Mattern, Apprentice Auctioneer-
#AA001308L

SALE HELD INDOORS
- CHAIRS FURNISHED
- LUNCH SERVED

PUBLIC AUCTION

FARM MACHINERY,
3 TRACTORS, HOUSEHOLD GOODS
600 BALES TIMOTHY HAY, ETC.
(Owner sold farm)

located 5 miles N of Washingtonville 1 mile E of White Hall. Auction arrows off Rt. 44 near White Hall.

FRI. NOV. 23, 1984

starting 10 A.M. w/ Household goods

Brief listing follows 3 tractors, MF 175D wfe w/loader, AC WD-45 RC, Farmall H, JD 16A flail chopper-good, Oliver 453 4 row no-till planter w/insecticides, AC 90 pto pull combine, NH 269 thrower baler, Kilbros 300 gravity wagon; 2-16' thrower wagons, Mayrath 32' AP elevator, 20' & 16' x 3" augers, MF 3-14" 3 pth plows, IH 12' transport disc, 11' harrow, 2 row 3 pth cultivators, Diadem 3 pth spinner fert spreader, 10' dbl cultipacker, IH 7' semi bar mower, 2 JD side rakes, NH 404 crusher, NI 17 manure spreader, Century 200 gal 8 row sprayer, Brady 5' chopper, 16" chainsaw, anvil, Sears air compressor, radial arm saw, wagon load of small items, plus other junk machinery Quantity of household goods & Antiques, etc

Terms: Cash or good check (no out of state checks.)

Owners,
CHARLES & LAURA MAE GARDNER
Conducted by Fraley Auction Co.
(717) 546-6907
AU00194L

Lunch

PUBLIC AUCTION

FARM EQUIPMENT HOUSEHOLD GOODS & ANTIQUES

FRIDAY, NOVEMBER 30, 1984

at 10:00 A.M.

Between Allentown & Egypt, Lehigh Co., Pa. Turn West off Rt. 145 (MacArthur Rd., N. 7th St.) onto Mechanicsville Rd. at Mickley's then turn Right onto Ringer Rd. to 3rd farm.

The Owners have stopped farming and are moving off the farm so all is for sale to highest bidder without reserve price.

FARM EQUIP.

JD 3020 diesel tractor, wf, side console pwr shift, rollguard cab., 1400 orig. hrs., EX. COND.; JD 3020 diesel, wf, selecta-shift, 3500 hrs; JD 55 Corn Special self-propelled combine w/cab, 13' grain hd, #235 2 row cornhead; 1962 Ford F-600 14' stake body trk, 4 spd w/2 spd rear; JD 7000 4 row corn planter, planted only 150 acres; JD FB-B 17 dbl disc grain drill; JD F145 H 4 btm 16" semi mtd trip plow; JD 10' roller harrow; 10' single roll cultipacker; JD KB 9' trans. disk; Lely 3 pt. fert. & seed spreader; Woods MC 80 3 pt. rotary cutter; JD #78 6' rear blade; JD 25A 3 pt. 150 gal. sprayer; 10' & 12' Phillips 2 whl pto dump trlrs; Wisconsin 4 cyl. eng. w/clutch; pulley driven elec. gen; 100' belt; JD 2 way hyd. cyl.; 20' (4") auger; new bench grinder; Lincoln 180 amp. elec. welder; Oxy-acetylene outfit (no tanks); Knipco F125 space heater; horse collar & harness; dbl & single trees; snow fence; hand tools; platform scales; old pull type chisel plow; 4' iron water trough; iron hog troughs; scalding trough; paper potato bags; burlap bags; elec. motors; lot used lumber; used roof metal; lot used pipe; chicken feeders & waterers.

ANTIQUES & HOUSEHOLLD GOODS

Open top dry sink; wdn. butter churn; 2 split oak baskets; pot belly stove; 3 pc. cottage BRS; 4 pc. Waterfall FRS; old ice cream dipper; agate pan; milk bottles inc. baby face; slaw cutter; wire egg baskets; crock & jug; J.M. Snyder Oliver mirror; 2 iron butcher kettles; sausage stuffer; Hobart elec. meat grinder; 2 pc. LRS; Chest freezer; elec. h/w heater; console stereo; swivel rocker; bookcase & encyclopedia set; lights; Xmas deco.; comforters & spread; cord organ; glider; outboard motor; bike; air hockey table; plus many items too numerous to mention.

AUCT. NOTE: This equip. has been very well maintained & is in ex. cond. Here's your chance to buy some of the best & cleanest used equip. to be offered for sale.

SALE ORDER: HHG & Ant. first, then small farm items, Equip. approx. 12:30.

TERMS/Cash or Check, Sale day.
Refreshments Served
Ordered by
DANIEL & SHIRLEY RINGER
Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Pa. License #AU-001809-L

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

WED. NOV. 21 - 9 AM Public Auction of Real Estate, New Building Supplies, Equipment and a large assortment of Surface Lumber. Located at 121 North 11th St., Trevorton, PA. Upper Dauphin Nat'l Bank, Owner. Dockey, Dockey & Deppen, Auctioneers.

THURS. NOV. 22 - 9:30 AM Public Auction of Farm Equipment, Travel Trailer, Household Furnishings, Antiques and Collectibles. Located on Elm St., Valley View, PA.; turn off Rt. 25 unto Broad St., go 2 blocks south to Elm St. Leon H. Schwalm, Owner. Mike & George Deibert, Auctioneers.

THURS. NOV. 22 & FRI. NOV. 23 - 9 AM Public Auction 2 Day Sale of Antiques, China, Glassware and Furniture. Located at 17 Gerhart Ave. just off S. State St., Ephrata, Lancaster Co., PA. Dorothy R. Summers Estate. Lester R., J. Harold Summers and Roberta E. Ravegum, Executors. T. Glenn & Timothy G. Horst, Auctioneers.

THURS. NOV. 22 - 9:30 AM Public Auction of Farm Equipment, Travel Trailer, Household Furnishings, Antiques and Collectibles. Located on Elm St., Valley View, PA.; turn off Rt. 25 unto Broad St., go 2 blocks south to Elm St. Leon H. Schwalm, Owner. Mike & George Deibert, Auctioneers.

THURS. NOV. 22 - 9 AM Public Sale of Tractors & Equipment. From Interstate 81 South of Martinsburg, WV, Take Exit 5 (Inwood) WV, Rt. 51 East approx. 3½ miles to Shutt's Cash Grocery (Formerly Haines') Turn right-.2 of a mile to sale. OR From Charles Town, WV, Take Rt. 51 West, Go approx. 8½ miles to Shutt's Cash Grocery Turn left-.2 of a mile to sale. Edgar A. Bohrer, Sale Mgr.

THURS. NOV. 22 - 10 AM Public Auction of Valuable Real Estate, Household Goods & Antiques. Located on the premises at 28 north Sheridan Rd., Newmanstown, Lebanon Co., PA. Minnie Sonnen Estate. John Steffy & Elwood Sonnen, Executors. H.H. Leid Auction Service, John H. Fry, Auctioneers.

FRIDAY NOVEMBER 23 - 1:30 PM Public Auction Dairy Sale. Located at the Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

PUBLIC SALE
OF 35.25 ACRES WOODLAND
CLAY TOWNSHIP
TUESDAY EVENING
NOVEMBER 20, 1984
SALE TIME 7:00 P.M.

Sale to be held at Lincoln Restaurant located along Rt. 322 at 1634 W. Main St., Ephrata, PA.

PROPERTY LOCATION — Directions: Rt. 322 West of Ephrata to Village of Clay. Turn Rt. onto Clay Rd. continue to "T" Rd. Turn Rt. onto Hopeland Rd. Turn left onto Sun Valley Rd. Cross over T.P. bridge to first farm lane on left.

35.25 ACRES OF WOODLAND. Excellent stand of timber. Right of way off Sun Valley Road. BORDERS STATE GAME LANDS NO. 46.

Inspection Saturday, Nov. 17 from 12 noon to 4 p.m. or for information or inspection call 733-2771 or 733-7760.

TERMS BY:
MILDRED WALTER

T Glenn Horst, Auct.
859-1331 — AU-000438-L
Timothy G. Horst, Auct.
738-1245 — AU001767-L
Eaby & Eaby, Attys.

GAP AUCTION
FRIDAY EVE., NOV. 23
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS
SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS
FROM 8:00 A.M. to 7:00 P.M.

IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
AU000907-L
CONDUCTORS ALL TYPES PUBLIC SALES

ABSOLUTE AUCTION
VALUABLE REAL ESTATE
FRIDAY, NOVEMBER 30, 1984
AT 1:00 P.M.
115 EAST MAIN STREET,
ADAMSTOWN, PA.

* 2½ Story 2 Bedroom House
* 30' x 172' Lot
* Hotwater Heat, 2 Baths, Porch, Balcony

TERMS: Absolute, Sold to the Highest Bidder. Deposit of $5,000.00 in Cash, Certified or Cashier Check Payable to Kerry Pae Auctioneer at time of Auction. Balance in 30 days at Settlement. For inspection/information contact Auction Co.

AUCTION FOR
COMMONWEALTH NATIONAL BANK

KERRY PAE
AUCTIONEERS
4613 NORTH FRONT STREET
HARRISBURG, PA 17110
(717) 236-3752

PUBLIC SALE
OF REAL ESTATE & FARM MACHINERY
WED., DEMEMBER 5, 1984
9:30 A.M.

Location: Traveling I-81 take Exit #9. Follow Rt. 696 North to Mt. Rock Rd. Follow to sale. Signs posted day of sale. Franklin Co., Pa.

REAL ESTATE 1:00 P.M.
165 A. Limestone Dairy Farm
125 acres tillable, 8 acres woodland, balance pasture.

2½ STORY STONE HOUSE
1st Floor — Eat-in kitchen (including dishwasher, stove and refrigerator), living room, dining room.

2nd Floor — 3 large bedrooms, playroom, full bath.

Full basement, coal or wood, hot air heat, adjoining washhouse.

85x33 BANK BARN WITH 4 BAYS
38 stalls, 1½" DeLaval pipeline, 1000 gal. Surge bulk tank w/washer and energy convertor, 44x40 free-stall barn w/20x40 loafing pen, Martin 68x40 implement shed, 2 - 6x60x14 corn cribs, 11x40 block silo, calf shed, 22x30 storage shed w/side shed, 56' Acorn bunk feeder, 60x85 concrete barnyard.

FARM MACHINERY
Case 970 wide front end tractor, Case Rowcrop 730 tractor, Case 580B loader tractor, Farmall Super C tractor (as is), MM Jetstar 3 w/loader and 2 buckets, ½ T. '67 Chevy pickup, 3 wagons w/hay racks, 2 Grove self-unloading hydraulic wagons, gravity flow wagon w/J.D. chassis, 679 New Holland manure spreader, (like new), New Holland haybine like new, New Holland flail chopper, like new, Model 600 Gehl harvester w/2-row corn and grass head, J.D. 1240 4-row corn planter, ag-bagger, M.F. 13 ft. transport disc harrow, New Idea 2-row corn picker, J.D. side rake, J.D. chisel plow, Case 4 bottom plow (as is), 17-7 Vanbrunt drill, Century field sprayer, New Holland sickle-bar mower (as is), portable alternator - 18,000K.W., 336 J.D. baler, Brillion cultipacker, 4 DeLaval DV 300 milkers, Linedn welder - 180 amp., acetylene torch set, wagon load of small items.

Real Estate Terms: 10% down day of sale. Final settlement on or before March 1, 1985.

For information or inspection of property call 717-532-2553. If no answer 776-5054 or 532-9160.

No out of state checks accepted unless approved by auctioneers.

Terms by:
ASA & MIRIAM BURKHOLDER
Shippensburg, Pa.
Ph. 532-2553

Auctioneers:
Lamar Sensenig, 532-9160
Melvin Sensenig, 776-5054
Lic. No. AU-001803-L

Lunch Provided
Not Responsible For Accidents

FOGLESVILLE AUCTION CENTER
PUBLIC AUCTION
'77 DODGE 4 WHL. DR. PICKUP; TRAILER; GENERAL CONTRACTOR'S TOOLS & EQUIP; OFFICE EQUIP., CHERRY, WALNUT & PINE LUMBER; ANTIQUES
MON., NOV. 19, 1984
At 5 P.M.

West of Allentown, Pa. In the Fogelsville Auction Center Bldg., S. Nursery St., Fogelsville, Pa. (1 block W. of Shankweiler's Hotel)

We have been commissioned to liquidate the equip., tools & supplies of this small Tamaqua based contracting business including the following: 1977 4 whl drive Dodge Custom 100 pickup truck, ¾ ton, 78,000 miles, runs but needs body work; 8'x16' tandem axle flat trailer; Sears 100 psi twin cyl. air comp. w/3 hp gas eng.; Desa. 5 KW alternator w/gas eng.; Champion 36" power concrete trowel; 24" power trowel; elec. air comp.; bench grinder; IR elec. impact wrench; elec: drill, router, sander; lg. mitre saw; wood working vise; Craftsman bench top drill press; new B&D 7¼ circ. saw; 12V water pump; 4 new Kerosene heaters; contractor's level/transit, like new; 10' alu. brake; metal slitter; shingle cutter; 20' & 36' slu. ext ladders; 7', 8', & 10' wdn. step ladders, 4" pump scaffold jacks; ladder jacks; rubber tire whl. barrow; lot shovels, picks & sledges; log chains; 1 ton chain hoist; lot asstd hand tools; 2', 3', & 4' levels; mortar boxes; C-clamps; saws; new wrench sets; drill bit sharpener; masonry bits; Lot NEW bldg. supplies inc: 7'x10' Fiberglass overhead garage door, (7) 3'x2'10" windows, rain gutter & down spout, roof ridge, flashing, (8) 5 gal. cans roof coating, alum. siding, lot nails, 170' (4") PVC drain pipe, lot 4" PVC fittings, lot copper fittings & new plumbing supplies, elec. wire, elec. & light fixtures, spray paints, caulking compound & guns; Automotive tools; timing light, dwell meter, torque, etc.; plus many asstd carpentry, sheet metal, plumbing & electrical tools & surplus too numerous to mention.

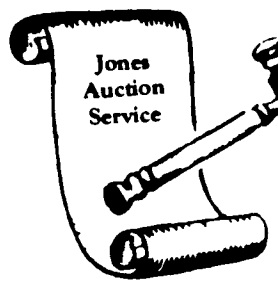
OFFICE EQUIP.
Sharpfax copier; Underwood elec. typewriter; Rem. manual typewriter; Vic. 20 computer; swivel chair; desk; drafting table; 4 drawer metal file cabinet; 4'x6' port. elec. lighted outdoor sign w/changeable letters; computing scale.

ANTIQUES
Stanley Planes #45, 39½, 49 & 48; few other old tools; 150 drawer OAK cabinet from hardware store; 8' sliding glass door oak cabinet.

LUMBER
200 Bd. ft. 5/4" White pine; 100 Bd. ft. 4/4" Clear poplar; 200 Bd. ft. 10/4 Cherry; 200 Bd. ft. 5/4" Walnut; 200 Bd. ft. 10/4" Walnut, fancy grain; all dried to 10-15%.

Terms- Cash or Pa. Check, Sale Day.
Refreshments Served

Selling items for
E-Z ERECT SYSTEMS, INC.
Conducted by Ralph W. Zettlemoyer
Auction Co. Inc.
(215) 395-8084
Pa. License #AU-001809-L



PUBLIC AUCTION
Saturday, November 24, 1984
AT 9:00 A.M. Lebanon, Pa.

Located south of Interstate 81-78, get off at Fredericksburg Exit, go west on Rt. 22, then take Jonestown Exit to Bunkerhill Rd., turn onto Quarry Rd. or take Rt. 343 North from Lebanon and turn onto Thompson Rd., Lebanon Co., PA. Watch for Auction Arrows Sale Day. (5 miles North of Lebanon located near Jonestown.)

ANTIQUES - COLLECTIBLES
2 Piece Corner Cupboard, 12 Pane Single Door, 1 Drawer Over 2 Doors; Oak 48" Roll-Top Desk "S Roll"; Bucket Bench; Fancy Wicker Type Baby Carriage with Umbrella; Lamp Table; Cradle with Dovetailed Ends; Blanket Chest, Dovetailed with Turned Feet; 42" Round Oak Table with Claw Feet; Atwater Kent Floor Model Radio; Oak Dresser; Gateleg Table; Oak Washstand with Towel Bar; Empire Chest of Drawers; 2 Square Oak Extension Tables; Child's Oak Pressed-Back Rocker with Horse in Press (1 rocker broke); Dropleaf Table with Drawer; Oak Pressed-Back High Chair; Decorated Rocker; Set of 6 Plank Bottom Chairs; Copper Wash Boiler with Tin Lid; 2 Copper Apple Butter Kettles; Vegetable Dryer with Stack Trays; Cow Butter Print; Shirley Temple Pitcher; Post Cards in Albums; Butter Paddles; Centennial Vegetable Cutter by S. Hauck & Bro., Lebanon, Pa.; Tin A-B-C Plate; Slaw Boards; Wooden Press; Alarm Clocks; Griddles; Almanac Charts; Straw Basket, Flowered Feed Bags; Picture Frames; Wall Mirror in Walnut Frame; Oak Stands; Tin Bank; Wooden Tubs; Crocks; Kerosene Lamp with Marble Base; Mustache Cup; Table Boards; Spongeware Bowl; Plus Many More Items.

OLD BOOKS AND BIBLES, SOME PRINTED IN GERMAN
LEFEVER 12 GAUGE DOUBLE BARREL

OTHER PERSONAL PROPERTY
G.E. 40" Electric Stove; 9 Piece Dinette Set; G.E. Dishwasher; Maytag Automatic Washer and Dryer; Crib; 2 Piece Living Room Suite; Metal Wardrobe; Pots - Pans; Dishes; Liteware Exlophone; Set of Fine Towne China;

Majestic Cookstove; Coal Brooder Stoves; Maytag Gasoline Engine; Bucket-A-Day Stove; Two 3-Burner Kerosene Stoves; Plus Many More Items.

BUTCHER EQUIPMENT
3 Butcher Kettles; Sausage Stuffer; Scalding Trough; Sausage Trough; Meat Grinder with Electric Motor; Butcher Ladles and Fork; Hooks; Meat Saw; Cleavers; Etc.

TERMS: CASH OR PA. CHECK — LUNCH

OWNER: **BESSIE I. FORTNA**

Mark J. Jones Auctioneering Service
Phone (717) 286-0052 — Lic. #AU-001595L
AUCTIONEERS' NOTE: If you like country items, plan to be with us November 24th.

SALE ORDER: Small Items at 9:00; Gun at 12:00; Furniture at 1:00

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. NOV. 23 - 7 PM Public Auction of the Walter Family Club Calf Sale. Located at Shady Lane Dairy Sales, Quarryville, PA Donald C. Walter & Family, Owners.

FRI. NOV. 23 - 2 PM Public Auction of 2.85 Acre Farmette. Located taking Rt. 422 east from Lebanon to Myerstown. In Myerstown take Rt. 645 north approx. 2 miles to Little Kutztown. Property on right. Jackson Twp., Lebanon Co., PA. Jacob R. & Mary K. Stoltzfus, Owners. J&P Auctions, Paul E. Martin & John D Stauffer, Auctioneers.

FRI. NOV. 23 - 5:30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI. NOV. 23 - 2 PM Public Auction of 2.85 Acre Farmette. Located taking Rt. 422 east from Lebanon to Myerstown. In Myerstown take Rt. 645 north approx. 2 miles to Little Kutztown Property on right. Jackson Twp., Lebanon Co., PA. Jacob R. & Mary K. Stoltzfus, Owners. J&P Auctions, Paul E. Martin & John D Stauffer, Auctioneers.

FRI. NOV. 23 - 5:30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI. NOV 23 - 11 AM Public Auction of Farm Machinery. Located in Rushville (Yates Co.), NY Take Rt. 247 approx 5 miles south of Rushville or 2 miles north of Potter Ashley Clark Farm, Mr. & Mrs. Ashley Clark, Owners. Pirrung Auctioneers, Inc.

FRI. NOV. 23 - 1:30 PM Public Auction of State Graded Pigs. Located at the Westminster Livestock Auction, Westminster, MD 301-848-9820.

FRI NOV. 23 - 1 PM Public Auction of a 2 Day Troxelville Antique Sale. Located at Troxelville Antiques, Troxelville, PA Joe Herman, Owner Earl Eash, Auctioneer Bill Mattern, Apprentice Auctioneer

PUBLIC AUCTION

SAT., DEC. 1, 1984 10:30 A.M.

Consignment auction of new & used farm tractors & machinery to be held in our yard on the corners of Rt. 38 & 38B, Newark Valley, NY.

Expect good selection of farm tractors to 100 Hp., Oct. 6 auction we had 82. Large selection of new 3 pt. equipment, equipment good clean.

Consignments Welcome
Loading Facilities
Call for Listing

Sale By:
GOODRICH AUCTION SERVICE INC.
Rt. 38 & 38B
Newark Valley, NY 13811
607-642-8688
3 auctioneers

Lunch Stand

DOROTHY SUMMERS ESTATE
2 DAY PUBLIC SALE
OF ANTIQUES, CHINA, GLASSWARE & FURNITURE
THANKSGIVING DAY
THURSDAY, NOVEMBER 22, 1984 &
FRIDAY, NOVEMBER 23, 1984

SALE TIME: BOTH DAYS - 9 A.M.
LOCATED AT 17 GERHART AVENUE (JUST OFF S. STATE ST.) EPHRATA, LANCASTER COUNTY, PA.

THANKSGIVING DAY, NOV. 22 - 9 A.M.

Mahogany Dining Room Suite; Wurlitzer Piano with Needlepoint Bench; Bedroom Suites; China Closets; Tea Cart; Flour Chests; Dry Sink; Blanket Chest; Windsor Type Chair; Round Oak Table; Oak Drop Leaf Table; Victorian & Needlepoint Rockers, Fiddle Back Chairs & Rocker; Victorian & Other Side Chairs; Kitchen Set; Marble Top Stand & End Tables; Stacked Tables; Quilt Stands; Umbrella Stand; Pictures & Frames; Oriental Type Rugs; Reed Dresser & Stool; Rattan Patio Set; Iron, Aluminum & Concrete Patio Sets; Outdoor Fountains.

APPLIANCES: 24 CU. FT. G.E. SIDE BY SIDE REFRIGERATOR FREEZER; 19 Cu. Ft. G.E. Side By Side Ref.-Freezer; 25" Color TV; G.E. Automatic Washer & Dryer; G.E. Dishwasher; Satin Table Lamps.

LARGE COLLECTION OF CHINA & GLASSWARE: Antique Platters & Dishes; Complete Sets of China; Blue Toilet Set; Tea Set; Collection China Teapots; Lead Crystal; Cut Glass Bowls & Pitchers; (PRESSED & PATTERNED GLASS: Blue Opalescent Glass; Satin Glass; Red Hobnail, Cranberry Baskets; China & Glass Bells; LARGE COLLECTION PEWTER: Steins; Crocks; STERLING SILVER FLATWARE: Silver & Silver-Plated Items; Brass Items; LINENS: Fancy Work; Shirley Temple Doll; Butcher Fork; Balance Scales; Iron Cat; Sleigh Bells; 3 Prong Shaking Fork.

FRIDAY, NOVEMBER 23, 1984 - 9 A.M.

Wood Kitchen Cabinet; Oak Settee; Sq. Oak Ext. Table; Oak Office Desk; Oak Cane Seat Rockers & Chairs; Fiddle Back Chairs; Ice Cream Table; School Desks; Dining Room suite; Reed Fernery; Butcher Block Table; Trunks.

APPLIANCES – 24 Cu. Ft. G.E. Side By Side Refrigerator-Freezer; 40" G.E. Stove; Dishwasher; 13" G.E. Color TV; Wooden Tub; Butter Churn; MANY LARGE & SMALL WOODEN & METAL DISPLAY CASES, Wooden Counters; Green Gone with the Wind Parlor Light; Pictures & Frames; Collection Baskets; Cloister Letters; Wooden Items; Copper Washboiler; Coffee Grinder.

CHINA & GLASSWARE – Full Sets of China; Bing & Grundel & Other Collector Plates; Green Glassware; Ruby Glass; Vaseline Hobnail; PRESSED & PATTERNED GLASS; Gift Shop Items; Silk Flowers; Collectors Spoons; Brass, Pewter & Iron Items; Shaft Bells; 3 Prong Shaking Fork; Shop Vacuum; 10" Table Saw & Motor; Riding Mowers; Wheelbarrow.

AUCTIONEER'S NOTE: **Mrs. Summers' collection includes many interesting & varied items. Many will be sold each day. Plan to come early & stay all day.**

TERMS BY:
DOROTHY R. SUMMERS ESTATE
LESTER R. SUMMERS, JR.
J. HAROLD SUMMERS
ROBERTA E. RAVEGUM,
EXECUTORS

T. GLENN HORST, AUCT.
859-1331 – AU-000438-L
TIMOTHY G. HORST, AUCT.
738-1245 – AU-001767-L
EABY & EABY, ATTYS.

ABSOLUTE AUCTION
BANKRUPTCY SALE

For debtor in possession, J.B. Van Sciver Co. Chapter 11 #83-00103

To be held on the premises: 1350 Brace Rd., Cherry Hill, NJ.

FRIDAY, NOVEMBER 23, 1984
10:30 A.M.

Exibition by appointment and from 8 A.M. day of sale.

This sale includes 30,000 square feet building full of tremendous inventory of new furniture-furniture truck- large quantity of office furniture and equip. and MUCH, MUCH MORE!

We will also sell the J.B. Van Sciver Name (Over 100 years in business), & J.B. Van Sciver Company's customer lists, etc. Name brands such as: Thomasville, Restonic, Hammary, Stuart, Nathan Hale, American Drew, Action, Statesville-Ross, Karpen, Bassett, National Mt. Airy, Barcalounger, International, Hooker, Serta, Berline, Stanley, Schweiger, King Hickory, Aristocrat, PA House, etc.

Chairs (Wingback and living room), recliners, sofabeds, love seats, sofas, lamps, springs and mattresses, misc. tables, Bric a brac, books, misc. filing cabinets, office equip. (Desks, etc.), ADP 3100 copier, 1979 Mercedes Truck, Rolls of rugs.

Terms of Sale: Cash. $100 Refundable, deposit required. 25% down payment at time each item is sold. Full payment day of sale by cash. Certified check or bank letter of credit.

Auctioneer License #AU-000935-L
Hella's Place
Estate Liquidations
Auctioneers-Appraisers
P.O. Box 15447
Philadelphia, PA 19149
215-342-9138 215-728-0297
609-589-6454 609-428-9050

PUBLIC AUCTION
OF VALUABLE ANTIQUES AND COLLECTABLES
SATURDAY, NOV. 24, 1984
At 9:30 A.M.

In the Reamstown Fire Hall (one block off Route 272), Reamstown, Lanc. Co., Pa.

The following to be offered: Bird's Eye Veneer Dresser; Chest of Drawers; Tabourette; Larken Type Chest; Oak Chairs; Italian Marble Top Table; Inlaid Wine Cabinet; John Stuber Banana Case; Old Musical Instruments; Pictures and Frames; Movie Posters; Baskets; 5 Story Bird Cage; Cookbooks; Comic Books; Baseball Cards; Hunting License; Children's Books; Post Cards; Doll Cribs; Tin Items including Lunch Boxes; Toys, some Wind-up; Train; Stag and Sensation; Tobacco Cans; Metal Hobbyhorse; Lanterns.

Cookie Cutters; Melon Mold; Metal Hubley and Matchbox Cars; Iron Banks; Flat Irons; Waffle Irons; Aunt Jemima Bank & Door Stop; Cast Iron Fry Pans; Small Iron Troughs; Sausage Stuffer; Scales; Foot Warmer; Redware Crock; Crocks and Jugs; E.S.B. Jug; New and Old Dolls; Shirley Temple Items; Coffee Pots; Rug Beater; Wooden Carvings; German Paper Mache; Wooden Rake; Baking Board; Rolling Pins; Wash Boards; Weller Basket; Roseville Umbrella Stand; Cookie Jar; Red Umbrella Stand; Blue Oil Lamp.

Jardinieres; Hallware; Collie Dog Figurine; Toby Pitchers; Oriental Sugar Shakers; Royal Doulton Baby Plate; German; R.S. Prussia; Occupied Japan; Nippon; Depression; Noritake Glass and China; Hobnail Baskets; Bottles; Hershey Items; Blue Glass Dancing Figure Water Set; Cuspidor; Stick Spatter Dish; Cupie Dolls; Finger Lights; Bennington Type Dishes; Chicken on Nest; Other Items not mentioned.

Note: These items removed from premises in Lebanon Area from convenience of auction. Auction 9:30 A.M.

Auction By
H.H. LEID AUCTION SERVICE
AGENT FOR OWNER
H.H. Leid Auction Service
John H. Fry, 717-733-3606
AU000306-L
Sensenig and Fry, Clerks

Refreshments by Ladies Auxiliary

PUBLIC SALE

From Interstate 81 South of Martinsburg, WV, Take Exit #5 (Inwood) WV, Route 51 East approximately 3½ miles to Shutt's Cash Grocery (Formerly Haines') Turn right-.2 of a mile to sale. OR From Charles Town, WV, Take Route 51 West, Go approximately 8½ miles to Shutt-s Grocery Turn left - .2 of a mile to sale.

THURSDAY, NOV. 22, 1984
AT 9:00 A.M.

TRACTORS AND EQUIPMENT: Approximately 20-25 tractors including Cubs, Fords, John Deere, Internationals, Fergusens, and other tractors, We will also be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, 6 and 7 ft. blades, post hole diggers, discs, wood saws, rakes, balers, round balers, grain elevators, corn pickers, and other farm relating articles.

We will also be offering a good selection of NEW AND USED TOOLS - Canned goods, hams and other food items - Some household articles.

TERMS: Cash or Good Check. Nothing to be removed until settled for ID required to acquire bidding number.

EDGAR A. BOHRER, Sale Mgr.
WV Lic. #18-85 304-229-8354
CLERKS: Bohrer and Bohrer

NOTE: This is a consignment sale. Let us turn your unused farm articles, household articles, and antiques into cash for you. If you are considering having an auction, please contact us. We would be pleased to serve your needs.

ORDER OF SALE: Small items - tools, household articles, food, etc. will be offered promptly at 9 a.m. Tractors and Equipment will be offered promptly at 1 p.m.

NOT RESPONSIBLE
FOR ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

PUBLIC AUCTION
SATURDAY, NOV. 24, 1984
AT 10:00 A.M.

1 Mile north of Dauphin, Pa., turn off Route 225 at Elizabeth Ave. and Middle Paxton School. Follow signs to Auction on left.

TRACTORS - CARS
TOOLS - EQUIPMENT

Case 55 Wide Front End Tractor, Ford 9N, 5' Brush Hog Mower, 6' Rear Blade, 1982 Dodge Diplomat 4 dr, 1975 Ford Gran Torino, 3,000 lb. Cap. Single Axle Trailer, Sears 16hp Garden Tractor w/Blade and chains, Echo Weed Trimmer, 2 Homelite Chain Saws, Honda 450 Motorcycle, Floor Jack, Lawn Cart, Air Compressor, Ladders, Well Pump & Tank, Wheelbarrow, Table Saw, Old Harley Davidson Motorcycle (no title), 100 Wooden rafters, Gas Stove, Oil Heatrola, Scrap Piles, Old Batteries, Tools, Saws, Circular Saw, Jigsaw, Hardware, Bolts, Workbench w/Vise, Hundreds Other Items!

TRAVEL TRAILER

1978 Layton Skyliner 28 ft., Sleeps 9, Self Contained, Kitchen, Bath, Awning, Air, Stereo, in Like New Condition.

GUNS - ANTIQUES
COLLECTIBLES

308 Remington Mohawk 600, 308 Winchester Model 88, 30-06 Remington w/Scope, Savage 12 Ga. Over/Under Shotgun, 6.5 Jap Rifle, Marlin 22 Model 60 Semi-Automatic, 357 Magnum Ruger 6 Shop Revolver, H & R Model 922 22 Cal. Pistol, 44 Cal Black Powder Rifle & Pistol, C02 Gun, Gun Cabinet, Hunting Knives, Accessories, 2 Tramp Art Dressers, 100 Avon Bottles, Pine Spoon Rack, Old Utensils, Glassware, 1937 Ingersoll Mickey Mouse Watch in Mint Condition, Mahogany Rocker, Silver Coins, Cast Iron Items, Bells, Other Collectibles and Full Line Asst. Housewares.

NOTE: Collectibles: 10 AM, Guns: Noon, Tractors, Cars, Trailer: 1 PM.

ALBERT & GLORIA HILL
OWNERS

KERRY PAE
AUCTIONEERS
4011 NORTH FRONT STREET
HARRISBURG PA 17110
(717) 236-3752

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

FRI NOV 23 - 9:30 AM Household Items, Tools & Public Auction of Motor Home Located at 3495 Edenbridge Rd., York, PA. Off Rt. 24 in Penn Oaks. Mr. & Mrs Ken Geesey, Owners. Blaine & Nevin Rentzel, Auctioneers.

FRI. NOV. 23 - 10:30 AM Public Auction of Tractors, Farm Equip. Located on the premises at Rt. 1, Palmyra, E. Hanover Twp., Dauphin Co., PA. From Hershey take Rt. 743 North approx. 5 miles and turn right onto Colt Rd. or turn south off Rt. 22 onto Rt. 743 and continue approx. 1½ miles and turn left onto Colt Rd. to first farm. Garth Huffman & Harmon Huffman, Owners. Harry H. Bachman, Auctioneer

FRI. NOV. 23 - 8 PM. Complete Beef Herd Dispersal for Ralph Trego of Richland, PA. To be held immediately following the Walter Family Club Calf Sale at Shady Lane Dairy Sales, Inc. ¼ mile West of Quarryville off Rt. 372 on Oak Bottom Rd. Glenn D. Fite and David L. Fite, Owners.

FRI. NOV. 23 - 10 AM Public Auction of Farm machinery, household goods, 600 bales Timothy hay, etc. Located 5 miles N. of Washingtonville; 1 mile E. of White Hall. Auction arrows off Rt. 44 near White Hall. Charels & Laura Mae Gardner, Owners. Fraley Auction Co

SAT. NOV. 24 - 10:30 AM Public Auction of Tractors, Trucks, Combine, Farm and Irrigation Equipment. Located taking Rt. 16 from Preston, MD, going towards East New Market, MD. Sale approx. 3 miles from Preston on left. James Dolby, Owner. A. Curtis Andrew Auction, Inc., Auctioneers.

SAT. NOV. 24 - 9 AM Public Auction fo Valuable Real Estate, Construction Equipment and Household Items. Located 4 miles west of Charles Town, W. VA. on Rt. 9 across from Bardane Community Center. Gateway Construction, Charles D. Thompson, Sr., Owner. Edgar A. Bohrer, Auctioneer.

SAT. NOV. 24 - 10 AM Public Auction of Antique Tools. Located at Ridge Fire Co., Rt. 23, Spring City, PA. Barry Hurchalla, Auctioneer.

SATURDAY NOVEMBER 24 - 11 AM Public Auction of Horses. Located at Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 miles east of Middleburg, PA., 5 miles west of Selinsgrove, PA. Don & Walt Keister, Owners. Ray Long & Dave Imes, Auctioneers.

PUBLIC AUCTION

CONSTRUCTION EQUIPMENT
CARS, TRUCKS, LOADERS, ETC.

FRIDAY, FEBRUARY 15, 1985
11 A.M.
FELTON, DELAWARE

Attention Contractors & Equipment Dealers
Consignments are now being taken
Consign Now
Call or write us for consignment forms.
Chester Lee Carroll
Harry Barrett, Jr. Sls. Mgr.
P.O. Box 307, Felton, Delaware 19943
302/284-4911 302/284-4541

Carroll's Sales co.
P O BOX 307, U S RT 13
FELTON, DELAWARE 19943

302/284-4911 302/284-4541

PUBLIC AUCTION

FARM MACHINERY, TOOLS, GRADE HOLSTEIN DAIRY COWS & HEIFERS

LOCATED ALONG ROUTE 897, 2 MILES NORTH OF BLAINSPORT; 7 MILES NORTH OF ROUTE 272 AND 897 JUNCTION; OR 7 MILES SOUTH OF SCHAEFFERSTOWN; WEST COCALICO TOWNSHIP, LANCASTER COUNTY, PA.

SAT., NOV. 24, 1984
AUCTION TIME: 10:00 A.M.

FARM MACHINERY & DAIRY CATTLE

ALLIS CHALMERS 180 DIESEL with W.F.E., Good Condition; A.C. D-17 W.F.E. P.S.; Ford Jubalee with Sauder Loader; N.H. 469 9-Foot Haybine; N.H. 717 Harvester with 2 Row Narrow Corn Head & Hay Pickup; N.H. 56 Hay Rake; N.H. 270 Baler with Thrower; A.C. P.T.O. Manure Spreader; A.C. Flail Chopper; A.C. 3x16, 3 Pt. Trip Plow; A.C. 80-R Pitmanless Mower; A.C. 2-Row Cultivator; J.D. 216 FORAGE WAGON with Flotation Tires; 16 Ft. Wagon with False Endgate & Hay Racks; Hay Wagon, 16 Ft. with Racks; NEW IDEA No. 10 Corn Picker; J.D. 494-A 4-Row 32" Cornplanter; McCURDY GRAVITY BIN on Gear; Int. 10 Foot Disc Harrow on Transport; Cultipacker; Spring Tooth Harrow; Ontario Grain Drill; 26'x6" Auger with Motor; Livestock Trailer; 1966 FOR F-100 Pickup; Big Dutchman Chain Feeder & Timers; Gates; Used Lumber; Fence Chargers; 6 Ventilating Fans with Thermostats; Surge Almo 50 plus Vacuum Pump; 2 Feed Carts; Milk Cans; Forks; Shovels; Hand Tools; Bolts; Nuts; etc.

APPROX. 12 TON CLOVER HAY
8 TON ALFALFA — 4 TON STRAW

SELLING AT APPROX. 12:30
61 HEAD GRADE HOLSTEINS
32 Mature Cows — 29 Heifers

MATURE COWS: Owner Sampler Records, some having miled up to 80 lbs. Some records over 18,000 milk; milk weights day of auction. Cows in all stages of lactation.

HEIFERS: 7 Bred, due Nov. through Jan. 22 breeding age and younger.

All cattle blood tested, pregnancy checked. Catalogs at ring side. Cattle sold under tent.

All out of state checks must be accompanied by a current bank letter of credit. Specifically for this auction.

TERMS BY:
RAY B. & ESTHER M. BOLLINGER
Dale L. Hoover,
Cattle Information
Auction Conducted By:
J. and P. Auctions
Paul E. Martin, Auct. AU-001601-L
Ephrata, PA. 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Lititz, PA. 717-665-5099
Food At Auction

AUCTION

Due To The Sale Of My Business To Bill Marks Ford, Rell Auction Has Been Commissioned By Edwards Garage To Sell The Complete Contents Of My Garage, Including 1974 Tandem Tractor, Wizzer And Honda Trail Bikes, 1981 Dodge Aries K Station Wagon.

SATURDAY, NOV. 24th, 1984
starting at 10:00 A.M.

LOCATION: 2 Miles East Of Jersey Shore, Pa. On Route 220-Next To Bill Marks Ford

Steam Jenny Cleaner, 8" Dbl. Bench Grinder, 1" Torque Wrench - 1,000 Test, H.D. 9" Vise, Reg. Vise, Bench Grinder, 8 ton & 2 ton Floor Jack, 15 ton Ajax Floor Model Press, Sunnen Honing Machine, Van Norman Valve Refacer, B & D Valve Grinding Set, Lincoln Grease Gun - Air powered, Grease Guns, Radiator Flusher, Shop Vac, Transmission Oil Dispenser, Metal Stands, Step Ladder, Coats Tire Bubble Balancer, Asst. New Recap Winter Tires, 50' Air Hose, Like New Coin operated Soft Drink Machine, Wooden Desk & Chair, El. Heater, Office Couch, Metal Parts Cabinet on wheels, Fire Extinguishers, Seal Drivers, - all sizes, Tow-in Bar, Valve Spring Tools, Marquette El. Welder, Chain Hoist 2 ton, Acetylene Torch complete w/Hoses, Tank, & Cart, 2 Ignition Storage Cabinets, Hoppy Headlight Kit for inspection, 2 Craftsman Tool Cabinets on rollers, ¼" El. Drills, Asst. Chisels, Files, C Clamps, Hand Tools, Wrenches, Sockets, Pullers, etc., Wiper Blades & Cabinet, Rivet Machine, ¼" Plate Metal HD Work Bench - 3' x 9', Drill Press, Creepers & Caddy, Exhaust Hoses, Welding Supplies, Motor Manuals, HD El. Polisher/Grinder, Oil Leak Detector, Drop & Extension Cords, Recoil, Drain Cans, Lge. asst. Flex Hoses, Gates, Belts, Universal Joints, Muffler Clamps, Spark Plugs, Battery Terminals, Shocks, Brake Lining, Bulbs, Clamps, Reflectors, Hoses of all kinds, Filters of all kinds, Ignition Parts of all kinds, Bolts, Grease Fittings, plus many other parts to numerous to mention, Headlight Tester (Bear), Carburators, Valve Covers, Trans Axle for VW, plus other VW parts, Coats Tire Changer Model 505, Wheel Seats & Cabinet, plus much much more!

1974 International 40-70 Tandem Tractor 318 Detroit Engine, 1974 Honda Trail Bike 90-ex. condition, Rare Wizzer Motor Bike, 1981 Dodge Aries K Station Wagon.

TERMS: Cash or Good Check with Letter of Credit Day of Sale.

Owner:
RICHARD EDWARDS

BERNARD D. RELL
REAL ESTATE BROKER-Auctioneer
AU001844L
CARL NOLAN
REAL ESTATE BROKER-Auctioneer
AU002133L
252 Allegheny St.
Jersey Shore, PA 17740
(717) 398-7316

by **Rell Auction**

Lunch will be served-
Bring chair-
Sale will be held inside

ABSOLUTE PUBLIC AUCTION

Selling to the highest bidder

VALUABLE 73 ACRE TRACT OF LANCASTER COUNTY FARMLAND

MONDAY, NOVEMBER 19, 1984
AT 2 P.M.

Located Along Rt. 30 approx. 10 miles-east of Lancaster or 1 mile east of Gap.

To be offered in 3 Separate tracts and as a whole.

TRACT 1 — Approx. 9 acres zoned agricultural, located along Rt. 30.

TRACT 2 — Approx. 44 acres zoned commercial located along Rt. 30 & Mount Vernon Road. Excellent are for commercial development in Sadsbury Twp. TRACT 3 — Approx. 21 acres zoned agricultural located along Mount Vernon Road. Farmland in high state of cultivation. For plot plan contact auction firm or sellers.

Terms: 10% down day of auction, balance within 30 days.

Attys:
Wentz, Weaver & Kline 354-4456

Auction For
AMOS S. STOLTZFUS & PARTNERS
717-768-7166

Auction Conducted By
J. Omar Landis Auction Service
Jay M. Witman AU-001127-L
Box 501, Ephrata, PA 17522
717-627-0789, 665-5735

PUBLIC SALE

OF PERSONAL PROPERTY and REAL ESTATE

SATURDAY, NOVEMBER 24, 1984
9:30 A.M.

DIRECTIONS: Off Route 30 at Hellam Exit, go south, cross Market St. (Rte. 462) continue on Freysville Road 1.7 miles turn left, 2nd place on left.

REAL ESTATE 1:00 P.M.

Two and ½ story, 6 room frame house; aluminum siding exterior, full bath on 1st floor, cemented basement. Home heated with oil fired hot air.

Approx. 1 acre lot also includes two story summer house and two story frame barn/garage. Home affords beautiful view of Hellam Township.

TERMS: 10% Down Day of Sale, Balance in 45 Days.
Inspection by Appointment: 757-5948 or 266-3732.

ANTIQUES - FURNITURE - GLASSWARE

Dovetailed cradle w/heart hole, round oak pedestal table w/boards, 2 oak washstand, oak dressers (painted), cedar chest, rope bed, dry sink w/drawers on side, dresser w/glass knobs, Victor Victrola, oak rocker, morticed bench, wood box, oak clothes tree, 4 oak dining chairs, doughtray, pressed back & plank bottom chairs, high chairs, iron beds, Dietz lantern, cuckoo clock, Columbia cookstove, coal oil stove, sideboard, copper wash boiler, lot 78 records, slaw cutter, meat saw, flat irons, tin comb box, mantle clock, blue glass coffee table, food chopper, spring scales, copper tea kettle, food grinder, coffee grinder, wall table, floor lamps, watches, Gabriel alarm clock, doilies, pretzel canes, rugs, milk cans, oak office chairs, reed baskets, picture frames, cast skillets, Wearever pots/pans, bedspreads, dresser scarves, lot kerosene lamps.

Neumans ice cream plate, Noritake plates, flowered glasses, England china cups/saucers, Bear bank, Halls teapot, graniteware, bell/flowered goblets, sherberts, wines. Planters peanut jar, Ironstone shaving mug, oatmeal dishes, lot depression glass, fluted carnival, white/green glass, hand painted pitcher/glasses, crocks, crock bowl, jugs, cement rabbit, lot Pfaltzgraff dishes, wash bowl, lot decorative glassware & more.

Kelvinator elec. range, Hot Point refrigerator, Standard sewing machine, Lady Kenmore ringer washer, Philco refrigerator, Speed Queen ringer washer, Westinghouse elec. range, Sylvania TV, Silvertone radio/record player, broiler oven, telephone bench, end tables, roll-away bed, hospital bed, geriatric chair, table lamps, sofa, kitchen cabinet & more.

GUNS - FARM EQUIPMENT - TOOLS

Baker 12g. hammer, dbl. barrel shotgun, Remington .32 cal. pump rifle, Winchester 16 ga. single shot gun, JC Richards 10 ga. single shot gun, U.S. Revolver Co. 32C hand gun, Defender 89 hand-gun (Empire State), Focal 7X35 binoculars.

Farmall cub tractor w/plow, cultivators & snow plow, 1951 jeep, David Bradley garden tractor, John Deere 56 riding mower, John Deere 110 lawn tractor w/mower & snow blade, Kaiser Fraser roto-tiller, Craftsman rotary mower, truck ladder rack, 36' alum. ladder, 25' wooden ladder, roof jacks, step ladders, ton chains, bicycle, shovels, jacks, elec. grass trimmers, scythe, buck saw, axe, shoe lathe, harness, traps, lot tools.

TERMS: CASH OR GOOD CHECK.

WILLIAM F. FREY
R.D.24 York, Pa.
Mrs. Hellen Minnich, P.O.A.
William H. Neff, Jr. Attorney

AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.
717-764-5115
Pa. Auctioneer's Lic. 761

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

SAT. NOV. 24 - 9:30 AM Public Auction of Personal Property and Real Estate. Located off Rt. 30 at Hellam Exit, go south, cross Market St. (Rt. 462). Continue on Freysville Rd. 1.7 miles, turn left, 2nd place on left. William F. Frey, Owner. Blaine N. Rentzel, Auctioneer.

SAT. NOV. 24 - 10 AM. Public Auction of Antiques. Located at Troxelville Antiques, Troxelville, PA. Jeo Herman, Owner Earl Eash, Auctioneer Bill Mattern, Apprentice Aucionteer.

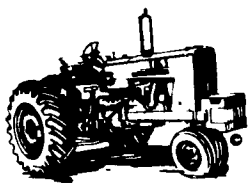
SAT. NOV. 24 - Ray B. & Esther M. Bollinger. Farm equipment and dairy cattle. Located 1½ mi. north of Blainsport along route 897, West Cocalico Twp. Auction conducted by Paul E. Martin & John D. Stauffer.

SAT. NOV. 24 - Public Auction of Farm Equipment. Located along Brunnerville Road, Lititz, PA. Sale by Elam Snyder. E.M. Murry Associates, Auctioneers.

SAT. NOV. 24 - 9:30 AM Public Auction of Valuable Antiques and Collectibles. Located in the Reamstown Fire Hall, 1 block off Rt. 272, Reamstown, Lancaster Co., PA. H.H. Leid Auction Service, Agent for Owner. H.H. Leid Auction Service, Auctioneers. John H. Fry.

SAT. NOV. 24 - Public Auction of a 45 Acre Hog and Horse Farm, 3 Acres, Farm Equipment, Etc. Located on the farm 10 miles northwest of Carlisle, PA. 5 miles north of Newville, off Rt. 641 along Brick Church Rd. James H. & Margaret Shetron, Owners. Ralph W. Horst, Auctioneer.

FARM EQUIP. DEALER COMPLETE LIQUIDATION AUCTION



TRACTORS / COMBINES — FARM MACH. & PARTS

THURS., NOVEMBER 29, 1984 at 9:00 A.M. Sharp!

For John M. Saums, Rt. 31, Flemington, N.J.

After 37 years of selling new machinery for Allis Chalmers, New Holland, New Idea plus others, The Saums family have leased out there property for other uses. And will sell out completely at Public Auction new and used equipment on Nov. 29, 1984.

9 A.M. SHARP! - VARIOUS NEW PARTS: For A.C., N.H., N.I. and other equip. New tractor and implement tires. ATTENTION! Some parts will sell in large lots. Inspect the week of the sale or 8:00 a.m. Sale Day.

11 A.M. - SHOP EQUIP.: M & W Dynamometer, drill préss, torch set, welder, benchs, shelving, bolt bins, some power tools, 10 hp 3 Ph air compressor, 2 - 1 ton elec. hoists, 1 - 3 ton hoist, over head trolly beams for hoists, plus other items. Some office items.

12 NOON TRACTORS: Allis Chalmers 7045 Sharp, 2 - 7020's sharp w/ less then 1300 hrs., 7060, all are DL w/cab air loaded. 175 gas w/loader & 3 PTH used in the yard, J.D. 4010 DL, J.D. 1520 gas, Case 930 DL, Farmall 460 gas.

S.P. COMBINES: 2 GLEANER L2's w/CABS, DL, LOADER w/6 ROW CORN & 15' GRAIN HEADS Gleaner F2DL cab loaded super sharp w/13 ft. GR hd., Gleaner F cab w/13 ft. GR hd., J.D. 105 cab w/15 ft. GR hd., J.D. 55 cab w/GR hd., 3-N.I. Uni System Combines and 1 uni corn choppers.

COMBINE HEADS - UNI SYSTEM: 715 GR hd. New, 713 GR hd., 2 row chopper hd., 2 -2 row corn hds., haylage hd., 2 uni choppers.
GLEANER HEADS: 438 corn hd. for F, 15 ft. floating GR hd. for L or M, L438 corn hd., 330 3 row corn hd.
OTHERS: J.D. 434 N corn hd., J.D. 635 N corn hd. for 105, M.F. 44 corn hd.
PLOWS: A.C. 2000 6 btm 18" auto reset sharp, Brady 10 ft. Chisel, IH 3 btm FH.
TILLAGE: Pittsburg 12 ft. hyd disc, J.D. 10 ft. disc hyd, Case 8 ft. disc hyd.
A.C. PLANTERS: 600 6R air dry, 600 6R no Fert., 6 row 3 PTH for corn or beans.
11 NEW HOLLAND HAYBINES: 489 like new, 495 12 ft., 467, plus 8 - 479's and 469's.
N.H. BALERS: 269, 280, 281, 68. J.D. 216 W.S. wire, Case 330 w/thrower, IH 27 w/thrower.
N.H. CHOPPERS & HEADS: 770 unit, Super 717 w/1 row hd., 717 w/2 row hd., 880 R2 corn hd. New, Fox dir hd.
MANURE SPREADERS: N.H. 513, 518, N.I. 213 flail.
NEW FIELD SPRAYERS: 2 - Century 500 gal new, 2 - George White 610 gal new.

OTHER MACH.: M & W 155 grain dryer, GT 250 batch grain dryer, 7 & 8 ft. rear scrapers new, N.H. 27 silage blower, Powell 3 PTH 1 row transplanter new, Parker 325 bu gravity grain wagon w/goose neck hitch, Brillion 18 ft. S.T. harrow hyd, Brillion 164 cultimulcher 13 ft., Case hay rake, N.I. #7 1 row picker, Kicker hay wagon, 10 KW belt generator, 1976 Chev. ¾T pk up, 1974 Chyr New Yorker 4 door, plus many other items!

Plan to attend this gigantic complete liquidation! WE WILL START AT 9 A.M.!

TERMS: COMPLETE PAYMENT SALE DAY by Cash, or Guaranteed Funds! Personal or Company Checks must be accompanied with a Valid Bank Letter of Guaranteed Payment with customers name and amount they can spend up to.

Address to: Owner- **JOHN M. SAUMS & SONS INC.**
Flemington, N.J. Nov. 29, 1984 Auction Sale
Sale Phone 201-782-4242.

N.J. Residents ONLY Cash or Good Check w/proper I.D.
Pd in Full Sale Day!

REMOVAL: within 2 weeks after sale date! Sales subject to N.J. sales tax. Bring Ag Numbers, forms, etc., or S.S. Numbers!

SALE CONDUCTED BY: COL. FRED R. DANIEL AUCTIONEERS INC.
NESHANIC STA., N.J. 201-369-4784

PUBLIC AUCTION

TRACTORS, TRUCKS, COMBINE, FARM AND IRRIGATION EQUIPMENT

SATURDAY, NOV. 24, 1984

10:30 A.M. (rain or shine)

LOCATED: Take Rt. 16 from Preston, Md., going towards East New Market, Md. Sale approx. 3 miles from Preston on left.

COMBINE: M.F. 750 diesel-w-18' Hiniker floating grain table.

TRACTORS AND EQUIPMENT; J.D. 4440 diesel-w-cab, air & heat, J.D. 4430-w-cab & air J.D. 4020 diesel, M.F. 165 diesel, Int. 450-w-wide front & 2 pt. hitch, Int. Super A-w-cult. & fert. attachment, 2 sets of Int. 6x16 plows, Int. 510 grain drill (18 tine), J.D. 7000 4 row corn planter w-no-till attachment-dry fert. & insecticide attachment, Brillion V chisel (5 prong), John Blue sprayer, Woods ditch bank cutter, Westgo 4 row S-tine cult., 1100 gal. water tank, 14' Int. 370 disc, 14' M.F. disc, Brillion 15' & 16' crowfoot cultipackers, 15' pull type 3 sect. spring tooth, Brillion 4 row S-tine cult., mounted J.D. 4 section Rotary hoe, 3 pt. Bush Hog, 2 axle trailer & 5 flat bed wagons.
(NO SMALL ITEMS)

IRRIGATION EQUIPMENT: Long Traveling Gun-w-1200' hose (3 yrs. old), 1 Rainbow reel & gun, UV345 power unit, 6"x6" Marlow pump-w-361 Fordmotor (3 yrs. old), approx. 2000' of 6"x40' lengths of pipe.

TRUCKS: 1973 Chev.-w-14' dump body, 1970 Int. 1700-w-16' grain body, 1965 Chev. 60-w-15' grain body, 1964 Chev.-w-16' flat body.

Inspection of trucks, responsibility of purchaser.

TERMS OF SALE: Cash or Approved Check (Letter from Bank guaranteeing funds.)

Owner
JAMES DOLBY
943-3713
A. Curtis Andrew Auction, Inc.
Auctioneers
Curtis Andrew
Mike Roe
479-0756

PUBLIC SALE

VALUBABLE HOG & FARM EQUIPMENT

SATURDAY, NOV. 24, 1984

10:00 A.M.

A&B FARMS

Directions: Rt. 100 S. to Trexlertown, 1 mi. to Spring Creek Rd., turn right; ½ mi. to Mertztown Rd. (Brookdale); ½ mi. to farm; follow signs.

FARM EQUIPMENT: 8000 Ford d. tractor (cab & heater); J.D. 4010 w. blower & 48 loader; Oliver 770 (gas); J.D. 7000 conserv. 4-row corn planter; 6-row Bushhog shredder; N.I. 324 2-row pull-type corn husker; 10' J.D. roller-harrow; Ford 906 rotary mower; 5-bottom 16" Ford plow; 18' 230 Ford disk; Howard series "S" rotovator; Knoedler auger wagon; 4-row Pittsburgh cultivator; Mercurdy truck fert. auger; 12' Bazooka 6" auger; 2 200 gal. fiberglass saddle tanks; N.H. #155 grain & bale elevator (48'); John Beam sprayer - no booms; Pace aux. water pump; 3 Grove wagons (2 w. hoists); N.H. 365 tank manure spreader; 3 p.h. post-hole digger; Emglo 220 air comp.; N.I. 12 A spreader; Marquette welder; small tools & shot eqpt.

HOG EQUIPMENT: 30 farrowing crates (some Pride-of-the-Farm); 27 5'x7' coated Tenderfoot sheets; 20 4'x8' coated Tenderfoot sheets; 4 Pride-of-the-Farm 60 bu. hog feeders; nursery feeders; 12 WL3 Pride-of-the-Farm heated waterers; nipple waterers; asst'd panels & gates; (2) 5 bu. feeders; 125 bales wood shavings.

TRUCKS: 1969 14' GMC dump truck, 21,000 gvw; 1975 Chev. 4x4 ¼ t. pickup; stainless steel insulated single-axle trailer.

TERMS: Cash or acceptable check.

Refreshments available.

Sale Ordered by:
ARBOGAST & BASTIAN, INC.
Debtor in Possession
under Bankruptcy, Bky.
#84-01538T, Eastern Dist. of Penna.
Auct. Harry A.W. Gruber
New Tripoli, PA, (215) 298-2881
Lic. #AU-000373-L

Clip and Save

GOOD'S AUCTION

111 N. Maple Ave. Leola Pa.
Hay and Straw Sales Every Wed.
At 12:00 Noon

Starting January 1st
Starting Time at 11:00 A.M.

Goods Auction
111 N. Maple Ave.
Leola PA. 17540

PUBLIC SALE

OF 45 ACRE HORSE AND HOG FARM, 3½ ACRE FARMETTE; FARM EQUIPMENT, HORSES, HAY, ETC.

on the farm located about 10 miles northwest of Carlisle, 5 miles north of Newville, Cumberland Co., Pa., turn north off Rte. 641 on Bloserville rd., cross creek, take first road to left, go ½ mile, turn right on Brick Church Rd. to the farm. Follow signs from Rte. 641 at Bloserville Rd. on

SATURDAY, NOVEMBER 24, 1984

Sale at 11:00 A.M. - Misc. Items First
Real Estate Offered at 12:00 Noon

TRACT NO. 1 — Approx. 45 acre horse and hog farm. A very desirable farm with following improvements: good frame house with siding includes modern kitchen with built-in stove, cupboards, 2 other rooms downstairs, carpets, custom made drapes, setting for wood stove, oil hot water furnace, 4 bedrooms and bath upstairs, basement. Good bank type barn with 50x70 concrete block addition to main barn, 9 box stalls in main barn, 3 box stalls in another building. 2 hog houses inc. 120 sow gestation house with 11 - 10x20 pens plus 5 - 4x20 boar pens, open front Nebraska bldg. with pit below; another bldg. with 18 farrow crates and wire, 8 double deck nurse pens; 30 by 7½ ft. outside manure pit. One well for house and horse barn, one well for hog houses, other out buildings. Also has setting and well for trailer hookup. All wells drilled within 6 years. About 40 acres good tillable shale soil, 3 acre woodlot, balance pasture.

TRACT No. 2 — Nice farmette containing approx. 3½ acres, improved with wood frame house, kitchen and two rooms downstairs, plus summer kitchen, 3 rooms and bath upstairs, oil furnace, also fixed for wood stove. Small barn, fixed for horses, other outbuildings, well for house and barn. Properties are adjoining. Phone Margaret M. Shetron at (717) 776-6104 evenings for inspection of properties. Real Estate offered with reservation.

TERMS 10% down; balance upon possession or within 90 days.

Taylor Andrews and
Frances H. DelDuca, Attorneys

FARM EQUIP. - AUTO - OTHER ITEMS - HAY - at 11:00 A.M.

David Brown 990 Diesel with Kelly loader, chains to fit; Farmall M, wts. and pulley; M. H. 444 with wide front; M.F. 3-16 in. plow; N.H. 273 baler with thrower, good cond.; 6 bales twine; Int. 990 windrower; N.H. 256 rake; N.H. elevator; 2 Bale King rack wagons, 8 ton gears; wagon and bed; 1500 gal. Feed Easy vacuum tandem axle tank spreader; Starline spreader for parts; J.D. disc; J.D. mower; 6 ft. 3 pt. blade; 3 pt. cults; post digger; 3 and 5 ton Stoltzfus feed bins; Lincoln 225 welder; feed cart; Arkfeld 500 lb. portable scales; hog feeders; water medicator; alum. and wooden double ladders; lumber, siding, concrete blocks, anvil, oil drum, Kawasaki cycle, Cadet 75 riding mower, pickup cab, portable gas water heater, wheelbarrow, band type meat saw, 220 meat grinder, meat wrapper, misc. items; lot of Brome grass hay by ton; 1981 Chev. Caprice Classic, 6 cyl., air, etc.

3 REGISTERED QUARTER HORSES — 8 yr. old mare, sired by Skip Brick 2, due to foal in April or May to Echo Sporting Lad; 1 yearling stud colt and 1 weanling stud colt; some tack sells.

Terms Cash or Good Check.

Lunch at sale; Identification required for Bidder's Numbers.

JAMES H. SHETRON & MARGARET M. SHETRON
R.D. 4, Newville, Pa. 17241

Ralph W. Horst,
Marion, Pa. 17235, Auctioneer
Lic. No. AU-000437-L

CALCIE HUFFMAN ESTATE

PUBLIC AUCTION

TRACTORS - FARM EQUIPMENT

FRIDAY, NOV. 23, 1984

10:30 AM

Auction to be held on the premises located at Route 1, Palmyra, E. Hanover Twp., Dauphin County, Pa. From Hershey take Route 743 North appx. 5 miles and turn right onto Colt Rd or turn south off Rt. 22 onto Rt. 743 and continue appx. 1½ miles and turn left onto Colt Road to first farm.

AC WD 45 Diesel wide front (real nice)
AC D 17 gas Series 4 wide front with 3 pt.
AC WD 45 gas row crop

NH 69 Super Hayliner with #50 engine thrower; NH 269 mower conditioner; JD BW 24 disc transport harrow; Pequea hay tedder; McCurdy gravity box on gear; AC 2 row mtd. cornpicker (for WD 45); Bush Hog 6' trailer rotary mower; AC 2 pt. sickle bar mower; AC All Crop 15 disc grain drill; Brillion 3 pt. 7 tooth chisel plow; Int. 4 row corn planter with Gandy insecticide; McCormick 5 bar side rake; New Idea manure spreader; post hole digger; 2 flat bed wagons with hay sides; bale elevator; AC 3 pt. 3 bottom plow; AC 2 pt. 3 bottom plow; JD 3 section spring tooth harrow; cultipacker; AC mtd. cultivator; 6" grain auger and Cardinal belt elevator.

1974 DODGE 300 V6 flat bed truck

Tire chains; hyd. cylinders; hog troughs and feeders; port. air compressor; mtd. broadcaster; potato plow; pipe vise stand and other unlisted farm related items.

CONDITIONS BY
GARTH HUFFMAN
-469-2920
HARMON HUFFMAN

Harry H. Bachman - Auctioneer
717-867-1809 AU-000033-L

Food by
Blue Mt. Snowmobile Club
Not many small items
- be prompt

PUBLIC AUCTION

VALUABLE REAL ESTATE and GROCERY STORE EQUIPMENT

MONDAY, NOV. 19, 1984

10:00 A.M.

LOCATED at 125 MAIN ST. TERRE HILL, PA. IN LANCASTER COUNTY

Auction to be conducted on the premises and will offer Real Estate at 10:00 A.M. Real Estate consists of a large parcel of land located in Terre Hill, Lancaster County, Pa. Thereon erected a large building containing 7,500 sq. ft. of floor space formerly operating as a retail food store known as the Market Place, large black top parking lot, nice central location, a real opportunity for the aggressive party. You may inspect this property Nov. 12th - 1:00 P.M. till 4:00 P.M. Equipment consists of the following items: muncher paper press, Toledo 8200 scale, Toledo package computer, Hobart prepac mdl. 2000, wonder roaster, Frigidaire oven, Fogel model VM50F glass door refrigerator, 54' double 4 ft. sections shelves, 32' double 4' sections shelving, various odd sections of shelving, 24 shopping carts, 36' McCray Kold flow vegetable and fruit cooler, 20' McCray dairy cooler, 36' McCray meat display case BMS12, 12' enclosed meat display case, mdl. CBS2-12. 36' McCray frozen food open display freezer, 2 air way check out counters.

Auction conducted for
Small Business Administration
Bala Cynwyd Plaza Asaphs Rd
Bala Cynwyd, Pa. 19004

E.M. Murry Auctioneer
10 South Broad Street
Lititz, Pa. 626-2636

NOTE: **20% down on day of auction on Real Estate all equipment to be paid in full at time of auction.**

E.M. Murry Associates
287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626 5244 626 2636
Richard Murry 626 8175 949 2280
Ken Miller 665 2073
Professional Auctioneers
Appraisers and Advisors
Since 1953

AU-648-L

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. NOV. 24 - 10 AM Public Auction of the Complete Contents of Edwards Garage. Includes 1974 Tandem Tractor, Wizzer and Honda Trail Bikes, 1981 Dodge Aries K Station Wagon. Located 2 miles east of Jersey Shore, PA on Rt. 220. Next to Bill Marks Ford. Richard Edwards, Owner. Rell Auction, Bernard D. Rell and Carl Nolan, Auctioneers.

SAT. NOV. 24 - 10 AM Public Sale of Valuable Hog and Farm Equipment A&B Farms. Directions. Rt. 100 S. to Trexlertown, 1 mi. to Spring Creek Rd., turn right, ½ mi. to Mertztown Rd. (Brookdale); ½ mi. to farm; follow signs. Sale Order by: Arbogast & Bastian, Inc. Harry A.W. Gruber, Auctioneer.

SAT. NOV. 24 - 10 AM Public Auction of Tractors, Cars, Tools, Equipment, Travel Trailer, Guns, Antiques & Collectibles. Located 1 mile north of Dauphin, PA. Turn off Rt. 225 at Elizabth Ave. and Middle Paxton School. Albert & Gloria Hill, Owners. Kerry Pae, Auctioneers.

SAT. NOV. 24 - 9 AM Public Auction of Antiques, Collectibles, Old Books, Personal Property & Butcher Equip. Located south of Interstate 81-78, get off at Fredericksburg Exit, go west on Rt. 22, then take Jonestown Exit to Bunkerhill Rd., turn onto Quarry Rd. or take Rt. 343 norht from Lebanon and turn onto Thompson Rd., Lebanon Co., PA. Bessie I. Fortna, Owners. Mark J. Jones, Auctioneering Service.

THURS. NOV. 29 - 5 PM Grocery Sale. Farmersville Auction in Farmersville, 3 mi. East of Brownstown, Lancaster County, PA.

THURS. NOV. 29 - 9 AM Public Auction of Farm Equipment, Tractors, Combines, Farm Machinery & Parts. Located Rt. 31, Flemington, NJ. John M. Saums & Sons, Inc., Owners. Col. Fred R. Daniel Auctioneers, Inc.

FRI. NOV. 30 - 1 PM Public Auction of Valuable Real Estate. Located at 115 East Main St., Adamstown, PA. Commonwealth National Bank, Owners. Kerry Pae, Auctioneers.

PUBLIC AUCTION

OF "OUTSTANDING ANTIQUES" HOUSEHOLD ITEMS - TOOLS AND MOTOR HOME

FRIDAY, NOV. 23, 1984

9:30 A.M.

LOCATED: 3495 Edenbridge Rd., York, PA. Off Rt. 24 in Penn Oaks.

*** ANTIQUES - HOUSEHOLD ***

Oak drop leaf table, 6 oak dining room chairs, dry sink w/copper lining, 5 leg oak table, 2 - bow front and side china closets, cane rocker, 2 Victorian chairs w/velvet seats, old high chair, Gone with the Wind light-kerosene, love seat, marble top stand, wooden mantle clock, old hanging dining room light w/flowered shade and glass prisms, end table and coffee table w/carving and glass tops, white sofa, 2 gold table lamps, stand w/cast iron base and oak top, cast iron coffee grinder, 2 occasional chairs, typesetters tray, 2 drawer night stand, maple bed, maple dresser, childs chair, oak wash stand, cane chair, what knot cabinet, mahogany bedroom suite (double dresser, chest of drawers, bed, night stand, chair), wooden end tables, wooden stools, Victorian corner seat, clothes tree, Grandmothers weight clock, childs slant front desk and chair, cedar chest, York player piano - rebuilt, pictures, zither, piano rolls, old Bible, jardinier, umbrella stand, school master desk, banjo back chairs, weight scales w/brass scoop, school desk and seat, butter churn, wall telephone, candle stick phones, drop-leaf table, corner shelf, coffee table, leather recliner, bakers basket, portable sewing machine, luggage, 3 Kentucky lights, TV table, RCA colored TV, Admiral portable colored TV, electric lights, fireplace fixtures, humidifier, old Philco radio, oak dresser, wooden bench, lawn chairs.

PEANUT JAR w/PEANUTS ON 4 SIDES (UNUSUAL), large collection of Planter Peanut items (jars, salt & peppers, cans, tins, cups, etc.), tinware, York beer bottle, beer steins, 365 day clock, Dietz lanterns, set of dishes Johnson Bros. England Snow White pattern, green plates & cups, milk glass sandwich set, large assortment of glass & stemware, Pepsi Cola glasses, china figurines, Nippon, Hisey glass, large collection of bells - all sizes, cups & saucers, glass lights w/prisms, vases, Shirley Temple pitcher, Shirley Temple picture, glass paper weights, old buttons, cast items, sewing boxes.

This is only a SMALL LIST of glassware china closets are full & cupboard has many items of glassware.

1:00 PM 1972 MOTOR HOME 1:00 PM

22' Self Contained, 34,000 mi., LIKE NEW on Dodge Chassis.

TOOLS

Rockwell tabel saw, sanders, 2 - chain saws, 1 gas & 1 electric, AMF snow blower, Craftsman 30" cut mower w/bagger, metal lockers, ladders, hand truck, hand tools, hardware, Remington 26 typewriter, washer & dryer, elec. stove, refrigerator, formica kitchen cabinets, NEW Thermo pane windows, light fixtures, medicine cabinets, corvair parts, dinette set, mirrors, & other items of interest.

Terms: Cash or Good Check.

MR. & MRS. KEN GEESEY
3495 Edenbridge Rd.
York, Pa.

AUCTIONEERS:
Blaine & Nevin Rentzel
Emigsville, PA
717-764-5115

PA Auctioneer Lic. #'s: 761 & 1442

LIQUIDATION AUCTION

OF MATTERN LUMBER CO.

WEDNESDAY, NOV. 21, 1984

9:00 A.M.

Located At 121 North 11th Street, Trevorton, Pennsylvania

REAL ESTATE

All That Certain Lots Or Parcels Of Ground Situate In The Village Of Trevorton, Northumberland County, Pennsylvania, having a frontage of 180', more or less, on Eleventh Street and a depth of 275', more or less, whereon is erected A **26'x60' 2-STORY BRICK BUILDING** - First Floor Consists Of **SHOWROOM WITH DISPLAY AREA, COUNTER AREA, STORAGE-FURNACE ROOM AND TWO POWDER ROOMS**...Second Floor Consists Of **OPEN OFFICE SPACE, PRIVATE OFFICE AND POWDER ROOM...HEATED BY OIL FIRED STEAM FURNACE...Also Situate On Lot Is A 28'x100' 2-STORY FRAME WAREHOUSE** - This Building Is Sectioned Off Into Storage Areas And Bins. Attached To The Warehouse Is a **24'x30' 1-STORY SHED**...Additional Improvements Consist Of A Series Of **OPEN FRAME SHEDS OF WOOD CONSTRUCTION.** For additional information or inspection contact Robert W. Lawley at 717-692-4781 or Auctioneer at 717-758-6004. Real Estate will be offered at 1:00 P.M.

NEW BUILDING SUPPLIES

Aluminum Threshold Doors; Peachtree Exterior Steel Door; Lg. Selection of Single Strength Glass; Anderson Perma Shield Casement Window; 32" Metal Entrance Door; Selection of Solid & Hollow Core Doors; Selection of Aluminum Storm Doors; Size C Bilco Basement Door; Asst. of Masonite & Plywood Paneling; Pegboard; Waferboard; Lg. Asst. of Vinyl Trim Mouldings; Selection of Suspended Ceiling Gridwork; 43 Boxes of Owens Corning Fiberglas Ceiling Panels; Lg. Asst. of Ceiling Tiles; Assorted Pine Mouldings; Recessed Grid Light Fixture for Suspended Ceiling; 30" Bathroom Vanity w/Top; Oak Kitchen Cabinets; Abitibi Coverall Tub Surround Kit; Electrical Boxes; Yale Security Latchlocks; Asst. of Kwikset Locks; 17 Bags of Blown Insulation; App. 300 Rolls of Assorted Owens-Corning Fiberglas Insulation in 2' & 16" Widths; Lg. Selection of Tamko Roofing Shingles in Assorted Colors; Tamko Selvedge Edge Roofing, Mineral Surfaced Roofing & Asphalt Felt; 29 Boxes of Bird Double 4 Vinyl Siding; Sakrete Sand Mix, Concrete Mix, Blacktop Sealer & Blacktop; Roof Fix Plastic Cement; Great Stuff Foam Sealant; Drylok Clear Concrete Protector; Panel Adhesive; Top 'n Bond Cement Mix; Dry Wall Compound; Durex Roof Coating; Caulking Guns & Caulk; Asst. of Paint Brushes & Rollers; Chroma-Cal High Performance Colorants; Asst. of Spray Enamel; Selection of Zar Stain; Lg. Selection of Bruning Interior & Exterior Paints; Elmer's Glue; Arrow Staple Guns; Light Bulbs; Hinges & Butt Hinges; C-Clamps; Steel Jack Posts; 4" Sewer & Drain Pipes & Fittings; Asst. of Wooden Dowels; Closet Rods; Asst. of Panelboard Nails; Steel Cable; White Aluminum Coil Stock; Rollex Soffit, Fascia & Part E; White Aluminum Gutter, Downspout & Accessories; Lg. Selection of Nails; Play Sand; Kennel Bedding; Numerous Other Items.

EQUIPMENT

1975 Ford Custom F-350 Stake Body Truck; 1971 Chevrolet Custom 20 Pick-Up Truck; clark 4450-lb. Capacity Forklift; 8' Pick-Up Topper; Lg. Hassenforder Office Safe; Sweda Cash Register; Lathem Time Clock; Monarch Marking System Machine; OCE Custom 2100 Copier; Brothers Electric Typewriter; (2) 6' Office Desks w/Formica Top; Office Swivel & Straight Chairs; (3) Cole 4-Drawer Filing Cabinets; 7-Drawer Metal Card Filing Cabinet; Etc.

TOOLS

THE FOLLOWING ARE NEW: B&D 38" Cordless Drill; B&D Jig Saw; B&D 7¼" Circle Saw; B&D Dual Action Sander; B&D 1¼ h.p. Route; Wiss Aviation Snips; Sure Fire Self-Igniting Torch Kits; Stanley Tools - Hack Saws, Screwdrivers, Combination Square, Powerlock Tapes, Nail Sets, Utility Knives, Levels, Pocket Plane, Framing Squares, Claw Hammers, Bow Saw, Ripping Bars; Trojan Saber Saw Blades; Nicholson 7¼" Saw Blades; Irwin Speedbor "88" Wood Bits; Etc.

THE FOLLOWING ARE USED: (2) Highland Lab. Paint Mixing Machines Used for Bruning Paint Mix; Red Devil ¼ h.p. Paint Shaker; Fletcher Plastic-Glass Cutting Machine; Delta Rockwell Radial Arm Saw.

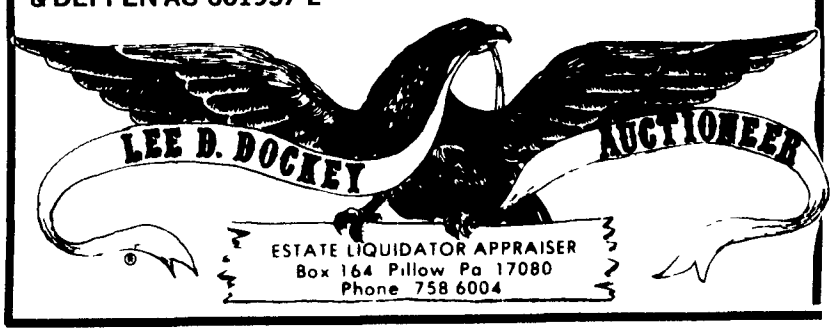
LG. ASST. OF SURFACE LUMBER SUCH AS:

1x12's-14', 16'; 2x4's-10', 12', 14', 16'; 2x6's-12', 14', 16', 18'; 2x8's-8', 12', 14', 16'; 2x10's-8', 10', 12', 14', 16'; Fir Tongue & Grove Porch Flooring; Etc.

TERMS: REAL ESTATE - 10% DOWN. FURTHER TERMS AND CONDITIONS TO BE GIVEN DAY OF SALE. PERSONAL PROPERTY-CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT WITH AUCTIONEER OR APPROVAL PRIOR TO DAY OF SALE.

Owner,
UPPER DAUPHIN NATIONAL BANK

JOSEPH C. MICHETTI, Jr., ESQUIRE
BALDUCCI & MICHETTI
39 N. 4TH STREET, SUNBURY, PA. 17801
AUCTIONEERS:
DOCKEY AU-000229-L, DOCKEY AU-001683-L
& DEPPEN AU-001957-L



Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

Dairy and Livestock Sales

FRI. NOV. 30 - 10 AM Public Auction of Farm Eq., Household Goods & Antiques. Between Allentown & Egypt, Lehigh Co., PA. Turn West off Rt. 145 (MacArthur Rd., N. 7th St.) onto Mechanicsville Rd. at Mickley's then turn right onto Ringer Rd. to 3rd farm. Daniel & Shirley Ringer. Ralph W. Zettlemoyer Auction Co., Inc.

DECEMBER

SAT. DEC. 1 - 1 PM Public Auction of 12 Acre Farmette & Farm Machinery. Located in East Drumore Twp., take Rt. 272, 13 miles south of Lancaster, at the Buck, turn east on Rt. 372, 1½ miles to farm or from Quarryville, go west 2½ miles on Rt. 372. Mobile Home is located on Hollow Rd. 1 block from the farm. Richard Baylis, Owner. Kreider, Kline, Good & Shirk, Auctioneers.

SAT. DEC. 1 - 1 PM Public Auction of a 12 Acre Farmette, Farm Machinery and a 1972 12x65 Mobile Home (1 Acre). Located in East Drumore Twp. Take Rt 272 13 miles south of Lancaster on Rt. 372, 1½ miles to farm. OR from Quarryville, go west 2½ miles on Rt. 372. Mobile home is located on Hollow Rd. 1 block from the farm. Richard Baylis, Owner. Kreider & Kline, Auctioneers.

SAT. DEC. 1 - 9 AM Public Auction of Fine and Rare Tiger Maple plus Fine Antiques, Household, Tools, Etc. Located in the Social Hall of the Mc-Sherrystown Fire Hall 2 miles west of Hanover along Rt. 116 in Adams Co., PA Nevin M. Cline, Owner Clair R Slaybaugh, Auctioneer.

SAT DEC 1 - 9:30 AM Public Auction of Livestock, Machinery and Some Household Located in Snyder Co., 2 miles northeast of Kratzerville. PA. or 3 miles southwest of Winfield, PA. along Hollow Rd. Mr. & Mrs Mose L. Yoder, Owners. Mark Glick, Auctioneer

SAT. DEC 1 - 10:30 AM. Consignment auction of new & used farm tractors & machinery to be held in our yard. Goodrich Auction Service, Inc., Rt 38 & 38B, Newark Valley, NY.

SAT DEC 1 - 9:30 AM Public Sale of Real Estate, Household Goods, Tools, Cars, Coins. Located at 209 W. Main Street, Leola, PA. (Rt. 23). Terms by David L. Burkholder T Glenn & Timothy G Horst, Auctioneers.

CONSIGNMENT HORSE SALE

SPECIAL DRAFT & DRIVING HORSES

Also
RIDING & SLAUGHTER HORSES

SATURDAY, NOV. 24, 1984

11:00 A.M. Sharp
Tack To Be Sold At 8:30 A.M.

Keister's Middleburg Auction Sales, Inc. Rt. 522 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.

Work Horses.
Lot of Local Draft Horses.
Several loads sharp Standardbred Driving Horses.

For information call: 717-922-1490 or 717-837-2222 or 717-523-0360

Keister's Middleburg Auction Sales, Inc.
Rt. 522 R.D. 3 Middleburg, PA
Owners,
DON & WALT KEISTER

Ray Long & Dave Imes, Auctioneers
Terms: Cash Trucking Available Restaurant Open
Last Sale For This Year
Next Sale Jan. 26, '85

PUBLIC SALE
"THANKSGIVING DAY"
THURSDAY, NOV. 22, 1984

9:00 A.M.

BUTCHER EQUIP.-FARM EQUIP. & HOUSEHOLD ITEMS
Rt. 24 in Starview, R.D.#1 Mt. Wolf, York Co. PA

BUTCHER EQUIPMENT

Meat grinders - some electrified, sausage stuffer, butcher kettles, butcher furnaces, electric hoists, meat hooks, lard press, hanging scales, knife sharpeners, grind stone, tubs, LIKE NEW - Hobart band saw (for meat cutting), Dayton scales, stirrers, butcher benches, well saw (for splitting beef in half), knives, stillard scales, ¼ ton chain hoist, porcelain pans, steels, hog scrapers, etc.

FARM EQUIP. & RELATED ITEMS

J.D. 2010 tractor tricycle w/culti., J.D. A starter & lights & culti., 1943 - BOUGHT NEW - ONE OWNER, J.D. 44 2X plow w/cylinder, Int. 28 blade disk, 9 ft. J.D. snow plow (for 2010 or A), 12000 watt PTO generator (like new), P.T.O. grass seeder, 10 ft. cultipacker, 10 ft. spring harrow, 2 row Oliver 3 pt. corn planter, potato plow, shovel plow, mtd. wood saw, ground scoop, walking culti., hydraulic cylinder, 2 wheel small trailer, Red Line portable heater, rubber tire wheelbarrow, 3 pt. barrel sprayer w/hand gun, pull type sprayer w/booms, water pump, electric motors (¼ to 2 hp.), lawn sweeper, water troughs, wooden & aluminum ladders - various sizes, wood & metal shelving, asst. chain & rope, tools - "mechanical", "carpenter", "gardening", large assortment of screws, nails, bolts, tool boxes, hydraulic jacks, post vise, dies, clamps, drills, planes, platform scales, benches, baskets, woven bushel baskets, step ladders, gas cans, come-alongs, 5 gal. plastic baskets, splitting wedges, measurers, carts w/dollies, animal traps, snow fence, metal fence post, 2 cord fire wood.

HOUSEHOLD

China closet, 2 - blanket chests, skillets, Maytag wringer washer, Kelvinator ref. w/freezer across bottom, double wash tubs, record cabinet, 2 air conditioners - 7000 & 18000 BTU, small chest, radio, bedroom suite, razor strap, electric heaters, comforts, pressure cooker, electric skillet, waffle irons, bottle capper, coffee pots, old Public Sale Ad's - from 1911 & many items not mentioned.

SALE NOTE: This is only a small listing we will start sale on 2 wagon loads with tools & hardware & etc.

TERMS: CASH OR GOOD CHECK

MR. & MRS. CLAIR BRUAW
R.D.#1
Mt. Wolf, PA

AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.
717-764-6412
Pa. Auctioneer's Lic. #761

PUBLIC AUCTION

J&P AUCTIONS

95 ACRE LIMESTONE FARM

SAT., DECEMBER 15, 1984

AUCTION TIME: 2:00 P.M.

DIRECTIONS: Take Route 419 North from Schaefferstown to Millbach, at Millbach Mennonite School turn left, go approx. 1 mile to first road left, turn left to farm on right, 1 mile south of Richland, Millcreek Township, Lebanon Co., Pa.

2½ STORY FRAME DWELLING

containing eat-in kitchen with built-in cabinets; living room; dining room; family room w/wall to wall carpet on first floor. Second floor contains 5 bedrooms and bath. Cement basement; cold cellar; oil hot water baseboard heat; 2,000 gal. fuel tank; vinyl siding; storm doors & windows; well with system; mature shade;

STONE & FRAME BANK BARN

with 2 drive floors, 2 mows, ATTACHED FEED LOT FOR UP 150 STEERS, concrete bunk, concreted stable floor; LARGE CORN BARN with implement storage; tobacco shed for approx. 6 acres tobacco, large stripping room, dampening cellar; 3 car garage;

20x60 FT. STAR SOLID CONCRETE SILO

with unloader;

16x60 FT. LANCASTER STAVE SILO

with unloader; 10x50 ft. solid concrete silo.

All acreage tillable except that surrounding buildings; LOTS OF ROAD FRONTAGE.

Inspection at OPEN HOUSE: Saturday, Dec. 1st & 8th, from 12:00 noon to 3:00 p.m., or by appointment, call 717-866-2970. Balance of farm may be seen anytime.

TERMS: 10% Down Day of Auction, Balance in full April 1, 1985.

AMISH FAMILIES living within a few miles of this farm. If in need of assistance to obtain financing, or need transportation to inspect this property, call Paul E. Martin, Auctioneer, at 717-733-3511.

NOTE: This beautiful, well-kept farm is ready to go. The limestone soil is an extra plus you will want to consider. If you are looking for a farm, do attend this auction. All Herein information is believed to be accurate but is being used for advertising purposes only.

AUCTION BY:
PAUL Z. & EVA B. MARTIN
Henry Steiner, Attorney
Auction Conducted By:
J&P Auctions
Paul E. Martin, Auct. AU-001601-L
Ephrata, PA 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Lititz, PA 717-665-5099

JACOBS & STAMBAUGH
REGISTERED & GRADE HOLSTEIN MILKING
HERD DISPERSAL

DAVIDSBURG, YORK COUNTY, PA

WEDNESDAY, NOV. 21, 1984

AT 11:00 A.M.

Sale Will Be Held Due To Retirement, Take Route #74 North Of York, (Approx. 3 Miles From Rt. 30 By Pass) To Nellie's Restaurant & Brooks Drug Store. Turn West (Left) Onto Davidsburg Road, Continue West 2½ Miles To Farm Sign On Right Hand Side, Or ½ Mile East Of Village Of Davidsburg.

27 REGISTERED & 33 GRADE HOLSTEINS
2 GRADE RED & WHITE HOLSTEINS
HEALTH CHARTS – T.B. – BLOOD TESTED
PREGNANCY CHECK BY VET

Herd Consists Of 45 Milk Cows, Several Fresh Aug. & Sept., 8 Due Oct., 3 Due Nov., & 6 Due Dec.; 12 Bred Heifers, Pasture Bred For Fall Freshing, 5 Heifer Calves, 1 Reg; Sires Include Bootlet, Molly Chief, Anthony Performer, Comet, Gay, Snowman, Admiral Imperial Chief, Boots, Very, Mandate, Service Sires To A.B.C.

DAIRY EQUIPMENT

500 Gal. Creamery Package Bulk Tank, (Compressor Only 3 Yrs. Old), 2 S.S. Strainers, 3 Surge Milkers, 2 - 50 Lb. & 1 - 40 Lb.

CATALOGS DAY OF SALE
NOT RESPONSIBLE FOR ACCIDENTS
TERMS: CASH, CHECK BY APPROVAL ONLY

PAUL JACOBS
ALMA STAMBAUGH, OWNERS
4851 Davidsburg Road
Dover, PA 17315
Auct.: Clair R. Slaybaugh
PA. 856 - L
Sale Managers:
Tom Boyer, 717-225-5240
Phil Laughman 717-792-2886

PUBLIC AUCTION

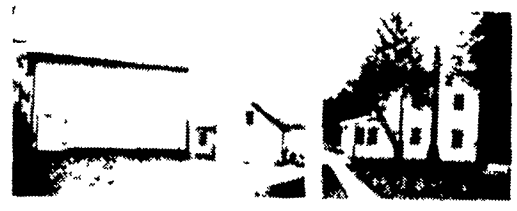
J&P AUCTIONS

2.85 ACRE FARMETTE

FRIDAY, NOVEMBER 23, 1984

Auction Time 2:00 P.M.

LOCATION: Take Route 422 East from Lebanon to Myerstown. In Myerstown take Route 645 North approx. 2 miles to Little Kutztown. Property on Right, Jackson Township, Lebanon County, Pa.



2½ STORY FRAME DWELLING

Contains eat-in kitchen with built-in cabinets, washer and dryer hookup; family room, living room, bath, 3 bedrooms, concrete basement, attic area.

20x24 FT. BARN

with 16x24 ft. lean-to; 16x32 ft. poultry house; 2 car garage; small corn crib; pigeon houses to house approx. 450 pair.

- * Aluminum Siding
- * Large Garden Area
- * Macadam Drive
- * Well With Pump
- * Grape Arbor
- * Storm Windows
- * Pasture Area
- * Mature Shade
- * Hand Dug Well with Pump
- * Raspberry Plants

NOTE: BUILDINGS IN EXCELLENT CONDITION. See this nice farmette at OPEN HOUSE Saturdays, November 10th and 17th from 12:00 noon to 3:00 p.m. For transportation to see property or assistance in obtaining financing, call Paul E. Martin, Auct. at 717-733-3511.

TERMS: 10% Down day of Auction, Balance at Settlement in 30 Days.

Auction by:
JACOB R & MARY K STOLTZFUS
649 South Ramona Road
Myerstown, PA 17067
Henry Steiner, Attorney
Auction conducted by:
J&P Auctions
Paul E. Martin, Auct. - AU-001601-L
Ephrata, Pa. 717-733-3511
John D. Stauffer, Auct. - AU-001509-L
Lititz, PA 717-665-5099

Public Auction Register

Closing Date - Monday 5 00 P M of each week s publication

TUES DEC 4 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lanc. Co., PA

WED DEC 5 - 6 PM Public Sale of coins & currency To be held at Brickerville Fire Hall Located just off Rt. 322 in the village of Brickerville

(Approx 8 miles West of Ephrata) Lanc Co., PA Terms by Jean E Mentzer T. Glenn & Timothy G Horst, Auc tioneers

WED. DEC 5 - 9 30 AM Public Sale of Real Estate & Farm Machinery Location Traveling I-81 take Exit 9 Follow Rt. 696 North to Mt. Rock Rd Follow signs to sale. Asa & Miriam Burkholder Lamar & Melvin Sensenig, Auctioneers

THURS. DEC 6 - 11 AM Public Auction of Valuable Livestock, Farm Machinery & Hay Located at RD 2, Wrightsville, PA, between East Prospect and Wrightsville along Cool Creek Rd Lester A Miller, Owner Jacob A. Gilbert, Aucitoneer

FRI. DEC. 7 - 5:30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI. DEC 7 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, PA

SAT DEC 8 - Public Auction of Farm Equipment, Dairy Heifers and Household Goods. Located at RD 1 Womelsdorf, Pa Berks County, Pa Sale for Willard B and Grace L Stauffer Auction conducted by Paul E Martin and John D Stauffer, Auctioneers.

SAT. DEC. 8 - 9 AM Public Auction of Antiques, Household Goods, Tools, Car & Tractors. Located at 514 West View Dr , Akron, PA. Take Rt. 272 to Main St. west to 6th St. Harry F Adams, Owner. T Glenn & Timothy G. Horst, Auctioneers

THURS. DEC. 13 - Public Auction of Farm Equipment. Located at Horsts Machinery Lot, 1 miles east of Marion, PA. Ralph Horst, Manager.

FRI. DEC. 14 - 1:30 PM Public Auction of State Grade Consignor Feeder Pig Sale. Located at the Carlisle Livestock Market, Inc.

FRI. DEC. 14 - 5:30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge Ira Stoltzfus & Son, Auctioneers.

FRI DEC. 14 - 11.30 AM. Glen-Bet Complete milking herd and bred heifer dispersal, bulk tank & pipeline. 5 miles north of Bloomsburg, PA, Columbia Co. Owners, Glen & Betty Bowman. Fraley Auction Co. Dale Hoover Pedigrees.

SAT. DEC. 15 - Public Auction of a 95 Acre Limestone Farm. Located 1 mile south of Richland Paul Z. & Eva B. Martin, Owners. Paul E. Martin & John D. Stauffer, Auctioneers.

SAT. DEC. 15 - 12 PM Public Auction of Lawn and Garden, Tractors and equipment. Located in Martindale, PA, Lancaster Co. Lawn Care, PA. Daniel Z. Martin & Son, Owners Kline & Kreider, Auctioneers.

SAT. DEC. 15 - 2 PM Public Auction of 108 Acre Farm. Located on Rt. 222 South thru Wakefield, 2 miles south of Wakefield. Turn left on Little Britain Rd. Turn right on Cedar Hill Rd., Fulton Twp., Lanc. Co., PA. Robert F. & Elise M. Abbato, Owners. Robert E., Jeffery R. Martin & Frank L. Steller, Aucitoneers.

THURS. DEC. 20 - Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt. 550 in Frederick Co.

SAT. DEC. 22 - Farm Equip. & Dairy Cattle. 1 mile West of Blainsport along Rt. 897. Lamar W. & Eileen Garman. Paul E. Martin & John D. Stauffer, Auctioneers.

MON. DEC. 31 - 12 Noon. Public Auction of the Bailey-View Holstein Dispersal. Located in Ulysses Boro, Potter Co., PA. Watch for arrows on Main St. Rt. 49. Jerry Pirrung Sales, Ulysses, PA 814-848-7421, Auctioneers

JANUARY

TUES. JAN. 1 - 7:30 PM Public Auction of Weekly Sales. Located at the Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

FEBRUARY

FRI. FEB. 15 - 11 AM Public Auction of Construction Equipment, Cars, Trucks, Loaders, Etc. Located in Felton Delaware. Carroll's Sales Co., Inc., Auctioneers.

SAT. FEB. 16 - 10 AM Public Auction of Dairy Cows, Heifers, Mules and Farm Machinery. Located 2½ miles south of Strasburg along May Post Office Rd. or 4 miles North of 372 from Quarryville along May Post Office Rd. Lancaster Co., PA. Amos S. & Mary S. Zook, Owners. Kreider & Kline Auction Service, Auctioneers.

MON. FEB. 25 - Public Auction of Farm Equipment. Located at Frystown, along 645. Swope and Bashore, Owners. Paul E. Martin and John D. Stauffer, Auctioneers.

THURS. FEB. 28 - 10 AM Public Auction of Farm Equipment. Located in Bern Twp., Berks Co., along Grange Rd., Leesport. Mat-Mar Farms, Owners. Horning Farm Agency, Inc., Auctioneers.

Dairy and Livestock Sales

COMPLETE BEEF HERD DISPERSAL

for Ralph Trego of Richland, PA.

Friday Night, November 23, 1984

Immediately following the Walter Family Club Calf Sale at 8:00 P.M. at Shady Lane Dairy Sales, Inc. ¼ Mile West of Quarryville off Rt. 372 on Oak Bottom Rd.

15 - Reg. Polled Hereford Cows
6 - Reg. Charolais Cows
4 - "84" Charolais Heifer Calves & 1 Reg. Bull
7 - Hereford-Charolais cross calves weighing 300 to 500 lbs.

Herd will sell at approx. 9:30 P.M. A good opportunity to buy clean registered breeding stock. 30 day TB & Blood Test.

Sale Managed By
Shady Lane Dairy Sales Inc.
R.D. 4 Box 463
Quarryville, PA 17566

OWNERS:

GLENN D. FITE
717-786-2750

DAVID L. FITE
717-786-1725

Registered and Identified BROWN SWISS AUCTION

Beaver Creek Farm Dispersal
LARRY and CAROL FRY

MONDAY, NOVEMBER 19, 1984
11:00 A.M. Beaver Springs, PA

Sale under cover at the farm located between Lewistown and Selinsgrove on Rte. 522 - 2 miles west of Beaver Springs.

64 BROWN SWISS SELLING
40 Registered and 24 Identity Enrolled
DHIA Tested — 30 Day Health Tests
Pregnancy Exams

35 COWS include a "VG89" cow due in December and with 15,210M at 4 y. Many cows sell fresh or due before the first of the year.

8 BRED HEIFERS include daughters of top A.I. sires — Telstar, Improver and Beautician King.

17 OPEN HEIFERS include heifers of breeding age and calves for potential youth projects.

4 BULLS include a service age registered son of Norvic Telstar.

Terms: Cash or Good Check with I.D.

Catalogs are available from:
MODERN ASSOCIATES
Sales Managers — Wayne E. Sliker
8409 Runkle Rd., St. Paris, Ohio 43072
Phone (513) 663-4645

WALTER FAMILY CLUB CALF SALE

NOVEMBER 23, 1984 7:00 P.M.

50 Select top individuals. All calves halterbroken, on feed and ready to go to work for you. Don't Miss this spectacular offering of show prospects.

DONALD C. WALTER & FAMILY
RD 2 Box 153
Airville, PA 17302
717-862-3366

Sale Location:
Shady Lane Dairy Sales
Quarryville, Pa.

PIGS

STATE GRADED SALE
FRI. NOV. 23
1:30 PM
AT
WESTMINSTER
LIVESTOCK AUCTION
Westminster, Md.
Phone (301) 848-9820

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

MARCH

MON. MARCH 4 - Public Auction of Farm Equipment. Located 1 mile south of Richland off Milbach Road. Paul Z. & Eva B. Martin, Owners. Paul E. Martin and John D. Stauffer, Auctioneers.

FRI. MAR. 8 - Farm machinery, Holstein dairy heifers. 5 miles north of Bloomsburg, PA, Columbia Co. Glen & Betty Bowman, owners. Fraley Auction Company.

SAT. MARCH 9 - 9 AM Public Auction of Farm Machinery, Household Goods, Antiques located 2 miles Northeast of Bernville off Shartlesville Road, 1 mile to first farm on left, 4 miles South of Shartlesville, 4 miles south of Centerport, Berks County. Sale by Wilbur and Pauline Hartranft, Owners; Paul Snyder and Alvin Horning, Auctioneers.

SAT. MARCH 9 - 8:30 AM Public Auction Annual Consignment Sale of the Gordonville Fire Co. Selling Farm Equipment, Livestock, Household Goods, Quilts and Antiques. Located at the Gordonville Fire Hall, Gordonville, PA. Gordonville Fire Co. Sales Committee, Owners. Ron Funk & Local Auctioneers.

FRI. MAR. 15 - 5 PM Tractor and Truck Sale. Kempton Community Center inside Northern Berks Co. Russell Henry 215-756-6511.

SAT. MAR. 16 - 9 AM. Farm Eq. & small items. Kempton Community Center, Northern Berks Co. 12 Auctioneers. Russell Henry 215-756-6511.

SAT. MARCH 23 - Public Auction located in West Millersville along Rt. 999. Ernest and Anna Mary Lefever, Owners. Paul E. Martin and John D. Stauffer, Auctioneers.

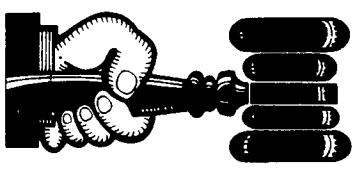
SAT. MARCH 30 - 5 PM Public Auction of the 3rd Annual Lancaster Farm Toy Auction, Show & Sale. Located at the Lancaster Treadway Inn, Rt. 30 and Oregon Pike, Rt. 272, Lancaster, PA. Wally Hooker, Auctioneer.

APRIL

SAT. APRIL 20, 1985 - Public Auction of the 19th Annual Colonial Charolais Spring Sale. Located at the Frederick Fairgrounds, Frederick, MD. Sponsored by the Colonial Charolais Assoc. Buzz Garey, Manager.

JUNE

SAT. JUNE 22, 1985 - Public Auction of the Colonial World Class Sale '85. Located at Riverwood Farms, Powell, Ohio. Sponsored by Colonial Charolais Assoc. Buzz Garey, Manager.



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

C.H. WOLGEMUTH
RD #2 MANHEIM
PA
AUCTIONEER
Member of
COMPLETE
AUCTION SERVICE
CALL
717 665-5664

Kreider & Kline Auctioneers

COMPLETE PROFESSIONAL AUCTION SERVICE
REAL ESTATE — FARMS & RESIDENTIAL
PERSONAL PROPERTY — ANTIQUES —
FARM STOCK SALES — LIQUIDATIONS

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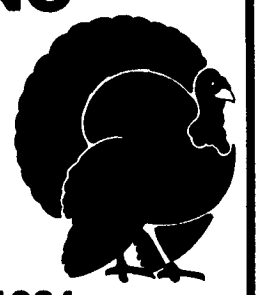
Dairy and Livestock Sales

THANKSGIVING SPECIAL HOLSTEIN SALE



Friday Evening, Nov. 23, 1984
7:30 PM

To be held at Smoketown Quality Dairy Sales Co., Rte. 340, 5 miles East of Lancaster, 5 miles West of Intercourse, Smoketown, PA.

HIGHLIGHTS FOR THIS SALE

This is a fancy group of Registered Heifers out of New England States.

* Reg. 3 yr. old Straight-Pine Elevation Pete. Her dam-Arlinda Chief Daughter
* Reg. 3 yr. old Milu Betty Ivanhoe Chief due Nov. 22 to Arlinda Car Dairymen.
* Reg. 3 yrs. old Bis-May Astro Jupiter due Nov. 20 to Carania Chief Conductor.
* Reg. 3 yr. old Zion-View Armys Grand Fortune, 2 year old projected record 18,760M 4.2T 815F.
* Reg. 2 yr. old Shar-Dale Arlinda Chief Jemini due to a Pete son.
* Reg. 2 yr. old Penn-Dell Elevation Ivan. Her Dam was a Willow with records to 19,071M 732 Fat.
* Reg. 2 yr. old Elevation Granddaughter. Her Dam was a VG 85 pt. Willow with records to 21,219M 806F.
* Reg. 2 yr. old Green-Banks Adventures. Her Dam-Apache.
* Reg. Born 11/3/78 Kime-Farms Astronaut Lewie with twin heifer calves by Ropies Chief Buff. The twin's sire-VG 88 with 18,467M +938M TPI 511.
* Reg. Born 10/25/80. Sire-Ca-Lill Standout Cavalier,
  2 yr. 11m 305 dys. 12,110M, 4.1T.
* Reg. Born 8/26/81. Sire Mil-R-Mor Paclamar Viscount.
  Dam-PGF Charm Marge VG 86.
  3 yrs. 10M. 365 dys. 21,654M 3.6T, 773F;
  4 yr. 11M. 23,233M 3.6T, 839F;
  7 yr. 4 Mo. 25,909M 3.6T, 934F.
  Has fancy heifer calf by Valentia Bootmaker Cedric PDM +1102 PDA +37 PDT 1.56.
* Reg. Born 4/22/78 Sire-Brigeen Rockman Anthony GP 80
  3 yr. 6 m. 304 dys. 17,775M 587F,
  4 yr. 5 m. 314 dys. 18,319M 663F.
  DAM-V.G. 86 5 yr. Lynjon Jasper Patty
  4 yr. 1 m. 310 dys. 21,921M 3.7T 801F,
  5 yr. 219 dys. 19,217M 3.7T 737F.
  6 yr. 305 dys. 23,360M 768F.
  Due to Lime Hollow Elevation Mars.
  His daughters average 18,692M 646F TPI +552, ABS.
* Reg. Born 2/27/79 Sire Willow Farm Rockman Ivanhoe GP 80.
* Reg. Born 8/10/78 Zeldenrust Ideal Leader GP 81 with a heifer calf by Producers Legend E.T.
* Reg. Born 9/6/81 Woodbine Chief Mohawk.
* Reg. Born 9/10/81 Pen-Dell Apollo King Arthur.

3 BIG STRONG GRADE VACCINATED HOLSTEIN HEIFERS READY TO BREED

1) Born 10/19/82 Sired by Pepst Toney Nat E.T. GrDam's records 5 yr. 305 dys. 16,030M 4.3T. 684F, 6 yr. 2m. 305 dys. 17,775M 4.2T 749F, 7 yrs. 3m 305 dys. 17,924M 4.5T 855F.

2) Born 4/5/83 Sired by Jemini. Dam's records 4 and 5 yrs. 305 dys. over 18,000M 665 and 681 F, 6 and 7 yrs. 305 dys. over 20,000 to 22,000 and 718 and 826F, 9 yrs. 9m 305 dys. 21,592M 4.1T 877F.

3) Born 3/3/83 Sired by Wiseman. Dam's record 2 yr. 1m 310 dys 16,156M 546F.

One Registered Cow due 12/3/84 to Marshfield Elevation Tony. His daughters average 18,878m 664F +1962M +52F. Sire-Char-Sam Elevation Papst +1599M and +29F. Daughters average 18,338M and 635F.

17 High Grades from one dispersal, ages (5) 2 year olds and the balance 3, 4 and 5 year olds.

Also Selling 3 Registered Holstein Bulls, ready for service.

* Reg. Bull born 4 1683, Sire-Marshfield Elevation Tony. Dam's Sire-Rosemery Very Ivan. Dam's record 3 yrs. 5 mo. 300 days. 16,281M 3.8T, 626F; 4 yrs. 5 mo. 305 dys. 16,045M 4.1T 658F. Dam VG 85, GrDam GP 82. Her record 3 yrs. 11 mo. 305 dys. 15,550M 4.3T 671F.
* Reg. Holstein born 4/25/83. Sire-Cal-Clark Board Chairman. Dam's Sire-Indian Hills Senator Flame. Her Dam VG 85, 2 yr. 1 mo. 305 dys., 17,462M 605F, 4 yrs. 3 mos. 331 dys., 19,182M 3.8T 746F, 6 yrs. 4 mos. 346 dys. 22,760M 3.8T 861F. 2nd Dam's record 6 yrs. 1 mo. 305 dys., 17,910M 4.0T 719F.
* Reg. Holstein Oceanview Sexation, ready for service.

"We don't have a lot of cattle, but we have good ones."

Note-Several lucky buyers will receive turkeys. Check details when registering.

Cows Milked at Regular Time
Cash or Good Check Night of Sale

Sale by
SMOKETOWN QUALITY DAIRY SALES, INC.
GORDON & HELEN FRITZ
717-393-0930
Carl Diller — Paul Snyder, Auctioneers
Henry Kettering, Pedigrees
Lunch by Sublette

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

SPRINGBANK-H HOLSTEIN
COMPLETE DISPERSAL

At the farm located between Mt. Zion and Lebanon in Lebanon Co., Pa. From Harrisburg take I-81 north to I-78 east. Take Route 343 (Fredericksburg) exit. Follow Rt. 343 toward Lebanon, and follow signs to Mt. Zion. Turn right on Mt. Zion Rd., go to orchard and turn left on E. Kercher Avenue. Go to Grubb Ave. and turn left to first farm lane on right.
From Lancaster take Route 72 north to Lebanon and turn right on Maple Street, which becomes Mt. Zion Rd. Turn right on E. Kercher Avenue and then left on Grubb Avenue to farm.

WEDNESDAY, NOVEMBER 21
11:00 A.M.
70 HEAD OF HOLSTEINS 70
67 Registered - 3 Grades
34 Cows -
11 Bred Heifers -
11 Open Heifers -
3 Calves - 1 Bull

1984 Herd Average
17,335 Milk 3.9% 677 Fat
BAA 103.6 (5-8-84)

Selling
1 EXCELLENT -
10 VERY GOOD -
14 GOOD PLUS
12 sell with records from 20,000M to 38,032M
10 sell with records from 17,000M to 19,980M
6 sell with records from 800F to 1468F
20 sell with records from 600F to 798F
14 Recently Fresh or Due Sale Time

Cows and Daughters Selling:

- Hilltop Apollo Ivanhoe dtr. (GP82) with 38,032M and 1468F.

Her September '82 Triple Threat dtr. also sells.
- An EX Comet dtr. with 20,329M and 771F.

Her Triple Threat dtr. sells fresh. Her Marshfield Elevation Tony dtr. also sells.
- VG88 Molly Chief dtr. (Potential EX) bred to Astro Matt.

Her Marshfield Elevation Tony dtr. sells also.
- VG87 Startrek dtr. with 24,085M and 958F Inc.

Her dtr. by Paclamar Astronaut sells.
- VG87 Doctor dtr. with 21,950M and 840F Inc. Bred to Astronaut

Dtr. by Marshfield Elevation Tony sells.
- VG87 Triple Threat dtr. with 590F. Dam VG86 with 23,612M and 790F.

Her VG86 mat. sister sells with 23,612M and 790F.
- VG Milk & Honey Ivanhoe dtr. with 21,223M and 758F.

Dtr. by Plushanski Persuader sells.
- VG87 Waybrook Paramount dtr. with 19,241M and 779F.

Her dtr. by Ocean View Sexation dtr. sells.
- VG87 Danver Carol Senator with 22,063M and 762F. Sells with five daughters.
- VG86 Starmaster dtr. with 19,077M and 675F. Dam VG86.

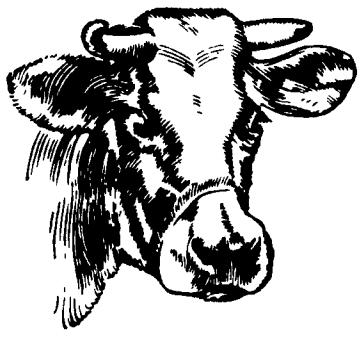
Dtr. by Chief Charlie sells.

A large portion of this herd traces to the well-known Clifford Chamberland herd from Shippensburg. Eugene has maintained this high production and type, as you can see in the herd average and BAA. The animals in this sale are sure to please and would be valuable additions to any herd.

Tested for Interstate - Pregnancy Examined
For catalogs contact:

Owner
EUGENE HOUSER
Rt 3, Box 1585
Lebanon, PA 17042
Ph. 717-272-0638

Sale Manager
REMSBURG SALE SERVICE
P. O. Box 177
Jefferson, MD 21755
Ph. 301-473-8214



MELVIN KOLB, INC.

Lancaster, PA Woodsboro, MD

BARN SCENE

PRIVATE SALES DAILY at TWO LOCATIONS

Quality Dairy Cows & Heifers on hand at all times many just fresh the rest close springers. Several fancy Purebred cows & first calf heifers with pedigrees. Lots of Fresh Grade cows, some milking 80 to 90 lbs. per day. Some really good big fresh grade heifers - the kind that will work for you. 15 really top grade heifers due Feb. & March. Some open heifers are available.

Stock Bulls _____ Purebreds & Grades
Heifer Calves _____ Purebreds & Grades

Farmers if you need good cows or heifers come & look for yourself at the Lancaster, PA Farm or Woodsboro, MD Farm. We try to buy the tops from the best herds in several states. N.Y., Maine, WI, New Hampshire, PA., MD., & Canada. New one's arriving daily at both farms.

• PRIVATE SALES DAILY •
Lancaster, PA Farm
NEXT SALE
Fri., Dec. 7, 1984 11:00 A.M.
717-569-6800/2106

• PUBLIC SALES MONTHLY •
Woodsboro, MD Farm
NEXT SALE
Thurs., Dec. 20, 1984 11:00 A.M.
301-898-7720/7663

FOR WHAT WE HAVE RECEIVED, WE GIVE THANKS

IN THE SPIRIT OF THANKSGIVINGS PAST, WE GATHER
TOGETHER TO CELEBRATE THE MANY BLESSINGS WE SHARE AND TO OUR FRIENDS,
GO OUR WISH FOR A HEALTHY, HAPPY HOLIDAY

WOODSTOWN ICE & COAL CO.
WOODSTOWN, N J

HIGH BROS.
GORDONVILLE, PA

KEYSTONE MILLS
EPHRATA PA

UMBERGER'S OF FONTANA
FONTANA PA

HESS MILLS
PARADISE PA

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SPENCER'S MILLING SERVICE
CLAYTON DE

DAVIS FEED MILLS
RUSHLAND PA
PERKASIE PA

K & K FEED, INC.
RICHLAND PA

SOUTHERN DIVISION
West Willow Farmers Assoc Inc
OXFORD PA

WEST WILLOW FARMERS ASSN., INC.
WEST WILLOW, PA